

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010047.D
 Acq On : 15 May 2017 19:31
 Operator : SJ/MA
 Sample : I3121-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-1540-COMPMSD

Quant Time: May 16 04:20:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	45073	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	169170	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	89225	20.00	ng	-0.03
63) Phenanthrene-d10	17.16	188	194181	20.00	ng	-0.04
75) Chrysene-d12	21.36	240	248476	20.00	ng	-0.03
86) Perylene-d12	23.65	264	215829	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	389474	135.22	ng	-0.02
7) Phenol-d6	6.94	99	493291	106.89	ng	-0.03
23) Nitrobenzene-d5	8.93	82	464918	100.43	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	155498	127.34	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	659714	98.88	ng	-0.03
78) Terphenyl-d14	19.79	244	996748	84.54	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	48765	45.70	ng	# 100
3) Pyridine	3.69	79	88359	22.47	ng	# 83
4) n-Nitrosodimethylamine	3.60	42	122696	56.96	ng	# 45
6) Aniline	7.10	93	84181	14.05	ng	# 87
8) 2-Chlorophenol	7.33	128	129921	41.55	ng	# 72
9) Benzaldehyde	6.92	77	86525	25.05	ng	# 76
10) Phenol	6.96	94	180505	35.99	ng	# 97
11) bis(2-Chloroethyl)ether	7.19	93	155316	39.83	ng	# 83
12) 1,3-Dichlorobenzene	7.65	146	145639	41.72	ng	# 77
13) 1,4-Dichlorobenzene	7.79	146	146416	40.93	ng	# 92
14) 1,2-Dichlorobenzene	8.10	146	140655	40.56	ng	# 89
15) Benzyl Alcohol	8.02	79	162448	41.30	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.29	45	253283	40.93	ng	# 98
17) 2-Methylphenol	8.21	107	115629	35.32	ng	# 72
18) Hexachloroethane	8.82	117	70945	47.84	ng	# 97
19) n-Nitroso-di-n-propylamine	8.57	70	155316	37.09	ng	# 81
20) 3+4-Methylphenols	8.55	107	156623	35.14	ng	# 82
22) Acetophenone	8.59	105	231436	44.75	ng	# 80
24) Nitrobenzene	8.97	77	240175	48.75	ng	# 84
25) Isophorone	9.49	82	359381	45.11	ng	# 85
26) 2-Nitrophenol	9.68	139	67394	45.43	ng	# 28
27) 2,4-Dimethylphenol	9.73	122	119976	43.21	ng	# 81
28) bis(2-Chloroethoxy)methane	9.97	93	202274	42.15	ng	# 97
29) 2,4-Dichlorophenol	10.22	162	113637	42.06	ng	# 91
30) 1,2,4-Trichlorobenzene	10.41	180	134340	42.59	ng	# 96
31) Naphthalene	10.60	128	403654	43.34	ng	# 99
32) Benzoic acid	9.92	122	63984	34.45	ng	# 66
33) 4-Chloroaniline	10.75	127	19178	4.84	ng	# 75
34) Hexachlorobutadiene	10.86	225	95966	44.71	ng	# 97
35) Caprolactam	11.55	113	27320	25.88	ng	# 50
36) 4-Chloro-3-methylphenol	11.86	107	136363	37.77	ng	# 74
37) 2-Methylnaphthalene	12.22	142	278474	41.77	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	151989	46.80	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	98286	101.03	ng	# 98

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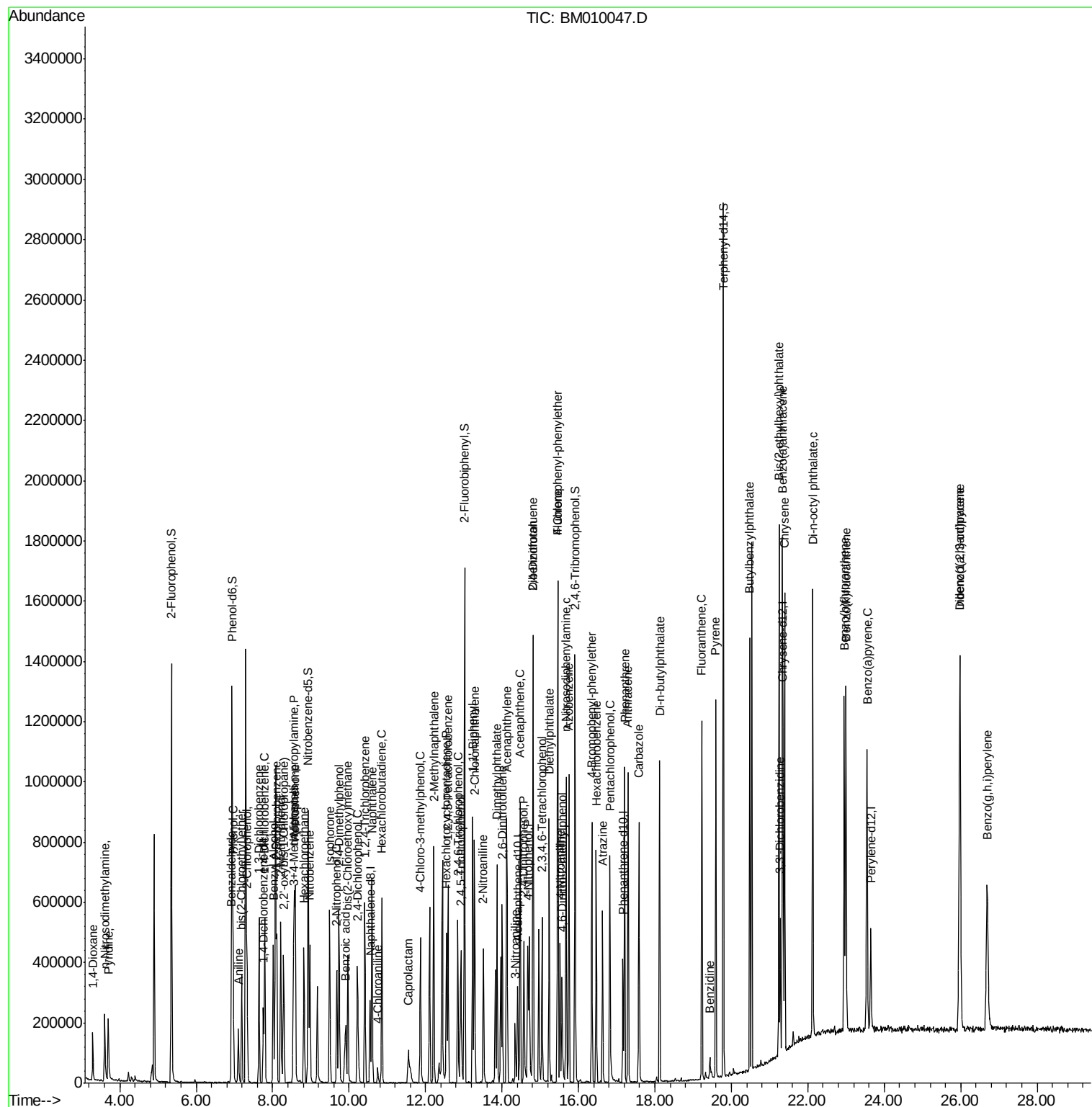
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	93254	46.64	nq	# 93
43) 2,4,5-Trichlorophenol	12.93	196	86780	39.96	nq	# 79
45) 1,1'-Biphenyl	13.23	154	352205	47.43	nq	94
46) 2-Chloronaphthalene	13.28	162	279153	47.84	nq	# 90
47) 2-Nitroaniline	13.52	65	129954	49.20	nq	# 59
48) Acenaphthylene	14.13	152	434012	47.23	nq	98
49) Dimethylphthalate	13.87	163	333467	42.40	nq	# 98
50) 2,6-Dinitrotoluene	14.00	165	68402	42.92	nq	# 12
51) Acenaphthene	14.47	154	261023	45.08	nq	98
52) 3-Nitroaniline	14.35	138	30655	18.11	nq	# 47
53) 2,4-Dinitrophenol	14.57	184	71556	75.96	nq	# 63
54) Dibenzofuran	14.81	168	430633	48.55	nq	# 89
55) 4-Nitrophenol	14.67	139	86801	76.58	nq	# 1
56) 2,4-Dinitrotoluene	14.81	165	103308	43.82	nq	# 33
57) Fluorene	15.46	166	345012	44.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	83197	44.34	nq	# 100
59) Diethylphthalate	15.23	149	364964	44.20	nq	95
60) 4-Chlorophenyl-phenylether	15.45	204	181491	42.49	nq	97
61) 4-Nitroaniline	15.52	138	64144	37.20	nq	# 1
62) Azobenzene	15.75	77	575221	57.41	nq	77
64) 4,6-Dinitro-2-methylphenol	15.57	198	53156	42.51	nq	# 57
65) n-Nitrosodiphenylamine	15.67	169	282470	46.88	nq	99
66) 4-Bromophenyl-phenylether	16.35	248	110620	47.96	nq	# 86
67) Hexachlorobenzene	16.46	284	112536	43.96	nq	# 81
68) Atrazine	16.63	200	80737	36.67	nq	95
69) Pentachlorophenol	16.82	266	106744	84.88	nq	98
70) Phenanthrene	17.21	178	519167	46.58	nq	99
71) Anthracene	17.30	178	533352	46.91	nq	98
72) Carbazole	17.58	167	456837	45.01	nq	99
73) Di-n-butylphthalate	18.12	149	610632	47.32	nq	# 95
74) Fluoranthene	19.23	202	623922	43.63	nq	97
76) Benzidine	19.44	184	46852	7.54	nq	97
77) Pyrene	19.59	202	649189	43.90	nq	100
79) Butylbenzylphthalate	20.48	149	296060	48.08	nq	# 60
80) Benzo(a)anthracene	21.34	228	714479	47.86	nq	99
81) 3,3'-Dichlorobenzidine	21.28	252	111800	20.33	nq	# 94
82) Chrysene	21.39	228	629017	44.93	nq	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	430649	46.84	nq	96
84) Di-n-octyl phthalate	22.13	149	743857	47.16	nq	# 79
85) Indeno(1,2,3-cd)pyrene	25.98	276	784343	66.46	nq	# 100
87) Benzo(b)fluoranthene	22.96	252	692144	47.36	nq	# 92
88) Benzo(k)fluoranthene	23.00	252	688128	49.55	nq	# 97
89) Benzo(a)pyrene	23.55	252	668147	51.85	nq	95
90) Dibenzo(a,h)anthracene	25.98	278	666742	58.63	nq	# 95
91) Benzo(g,h,i)perylene	26.69	276	592624	56.55	nq	# 93

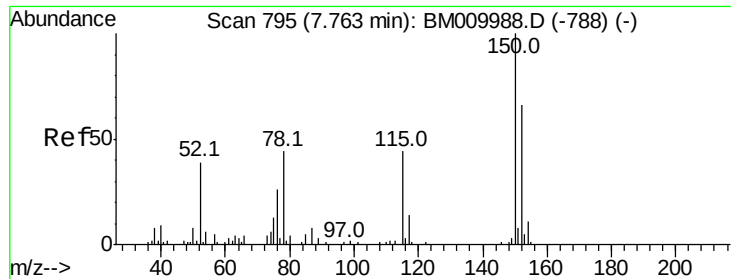
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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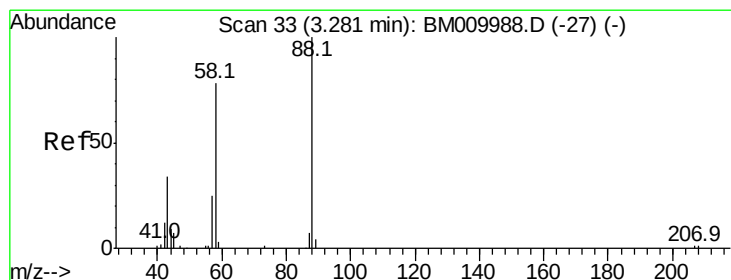
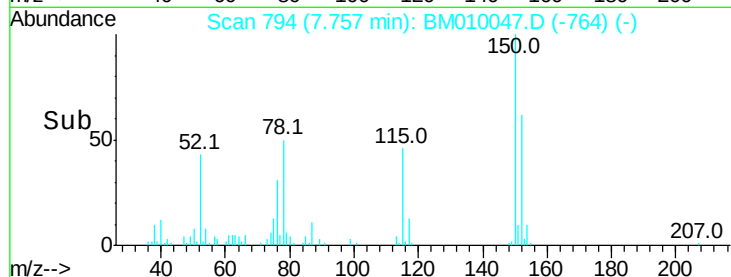
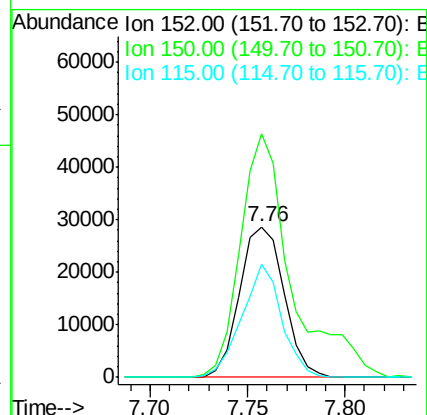
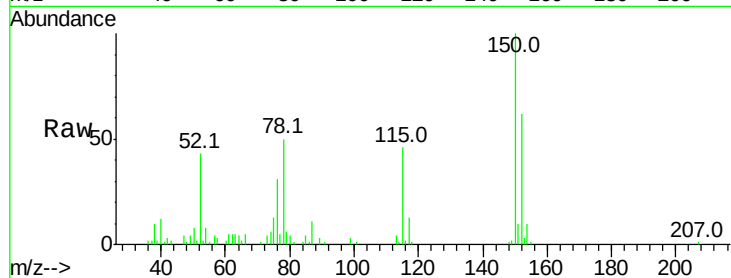


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Instrument :
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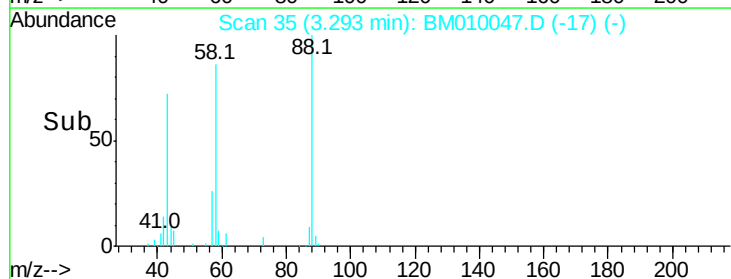
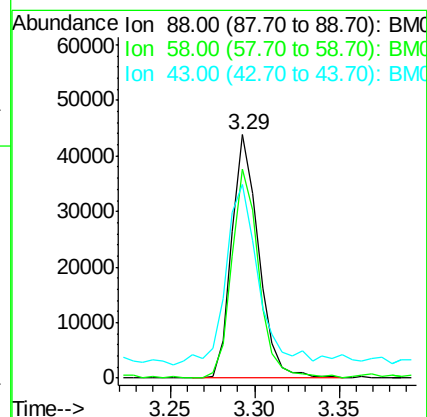
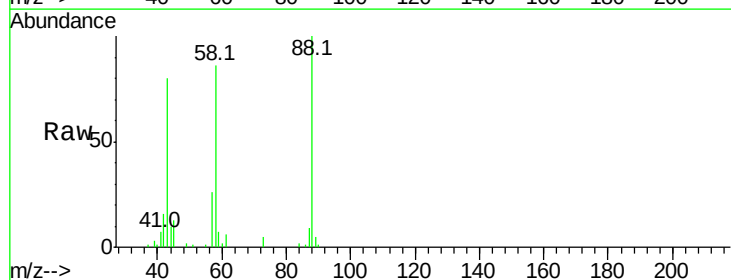
Tot Ion:152 Resp: 45073
Ion Ratio Lower Upper
152 100
150 161.7 119.5 179.3
115 75.0 43.0 64.4#

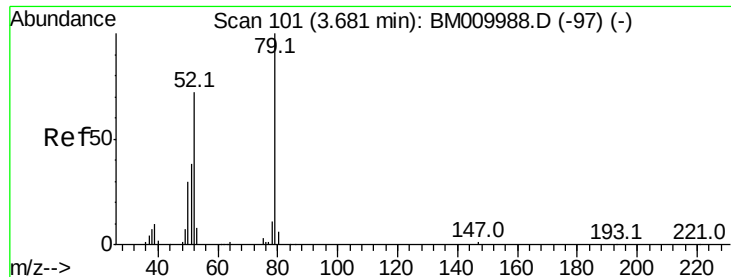


#2

1,4-Dioxane
Concen: 45.70 ng
RT: 3.29 min Scan# 35
Delta R.T. 0.01 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 88 Resp: 48765
Ion Ratio Lower Upper
88 100
58 86.3 0.0 0.0#
43 91.1 0.0 0.0#





#3

Pvridine

Concen: 22.47 ng

RT: 3.69 min Scan# 103

Delta R.T. 0.00 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

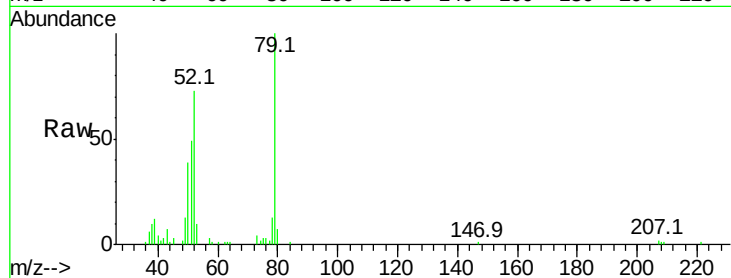
Tot Ion: 79 Resp: 88359

Ion Ratio Lower Upper

79 100

52 72.6 51.1 76.7

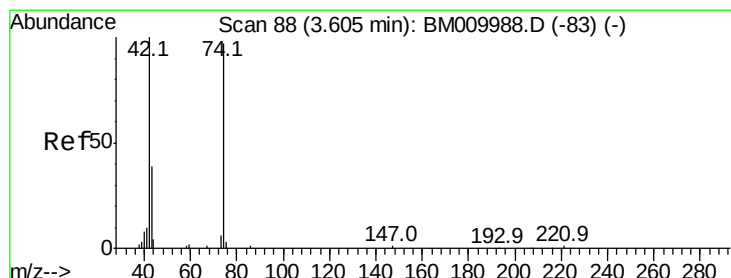
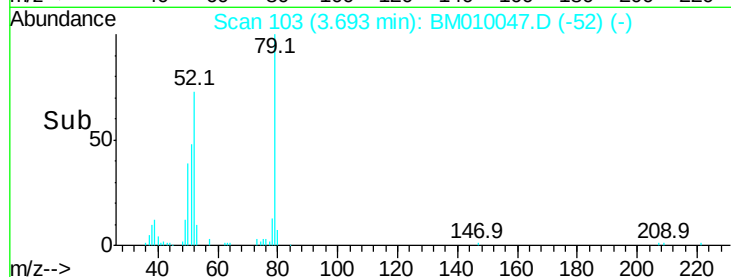
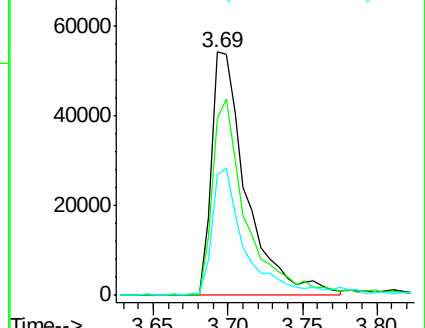
51 49.4 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM010047.D (-52) (-)

Ion 52.00 (51.70 to 52.70): BM010047.D (-52) (-)

Ion 51.00 (50.70 to 51.70): BM010047.D (-52) (-)



#4

n-Nitrosodimethylamine

Concen: 56.96 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

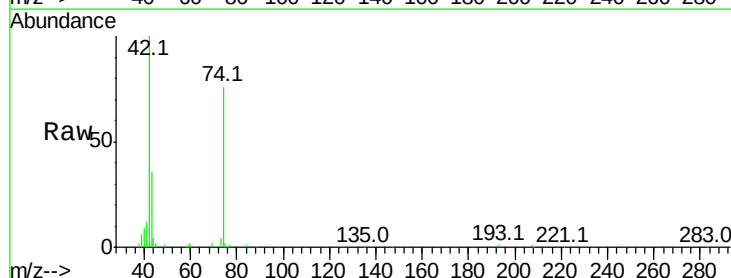
Tgt Ion: 42 Resp: 122696

Ion Ratio Lower Upper

42 100

74 76.4 119.3 178.9#

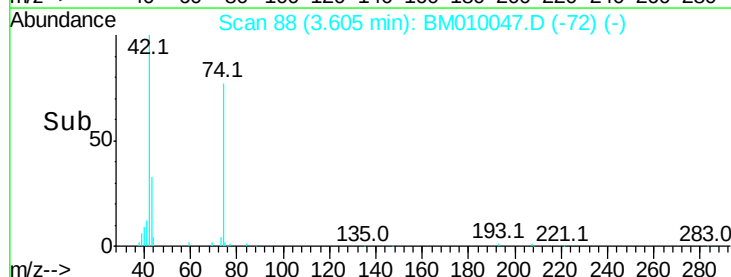
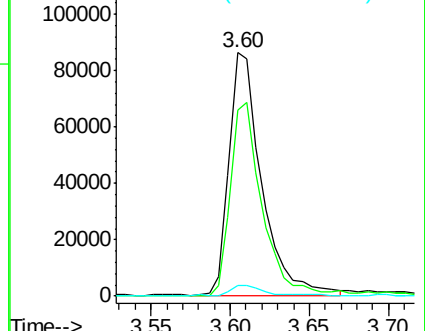
44 4.4 5.4 8.2#

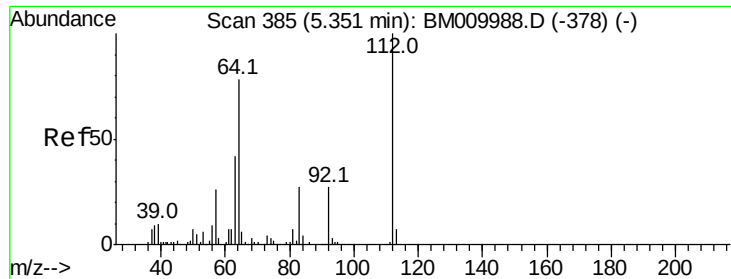


Abundance Ion 42.00 (41.70 to 42.70): BM010047.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM010047.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM010047.D (-72) (-)





#5

2-Fluorophenol

Concen: 135.22 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010047.D

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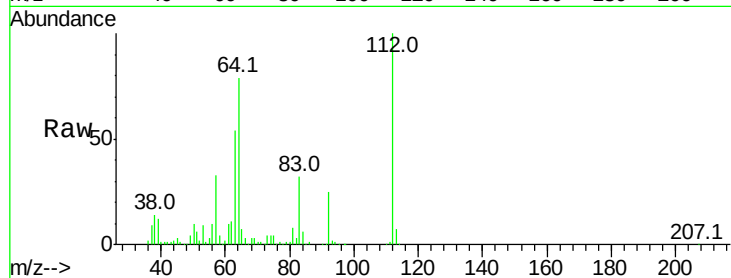
Tot Ion:112 Resp: 389474

Ion Ratio Lower Upper

112 100

64 78.6 38.6 57.8#

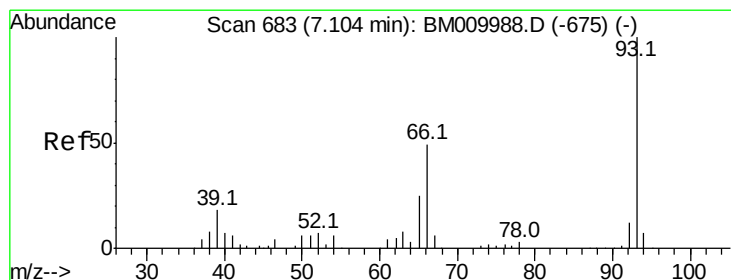
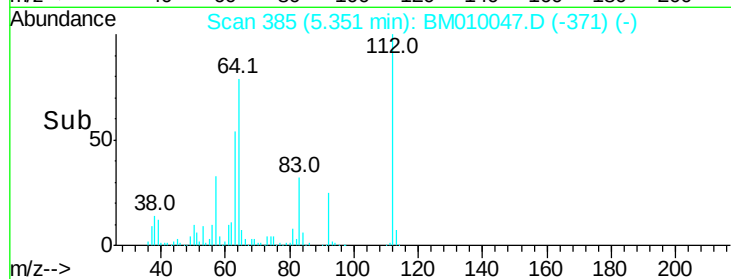
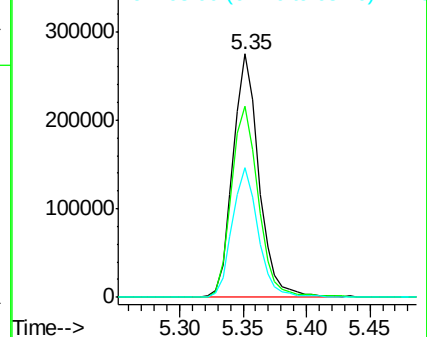
63 53.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 14.05 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

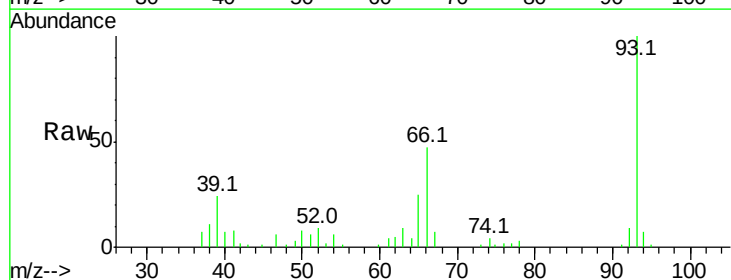
Tgt Ion: 93 Resp: 84181

Ion Ratio Lower Upper

93 100

66 46.9 30.8 46.2#

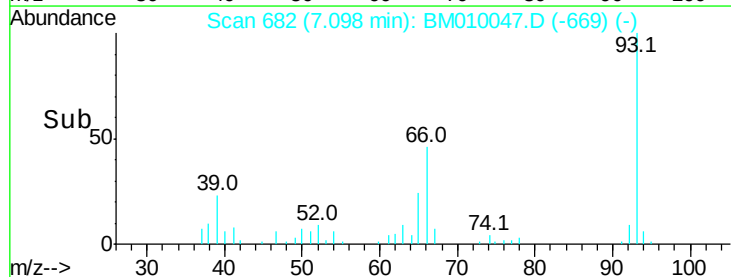
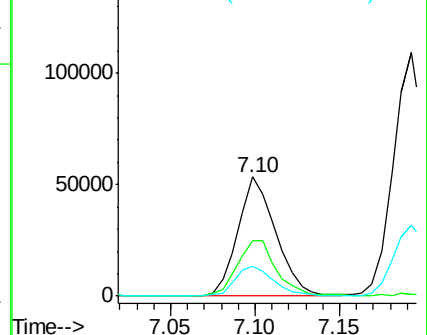
65 25.0 16.0 24.0#

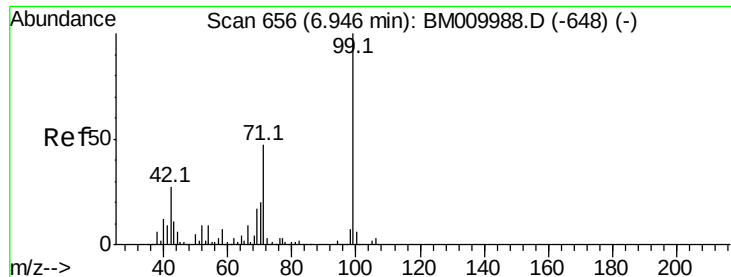


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 106.89 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

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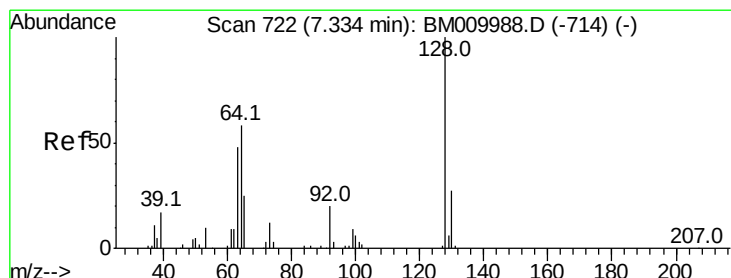
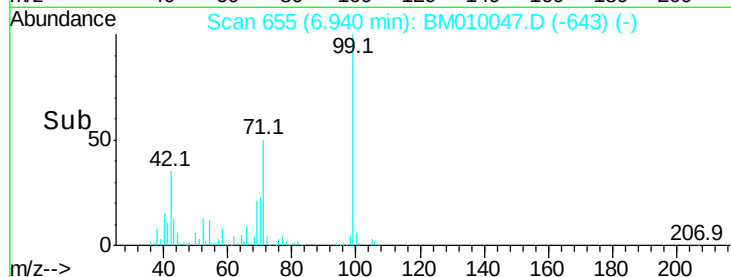
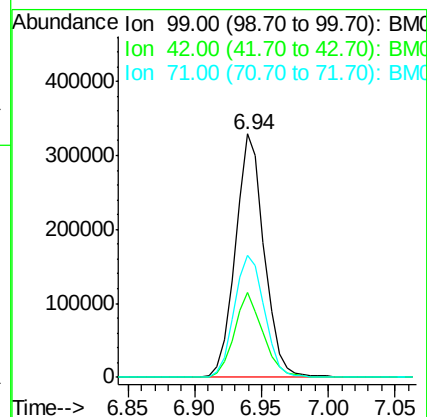
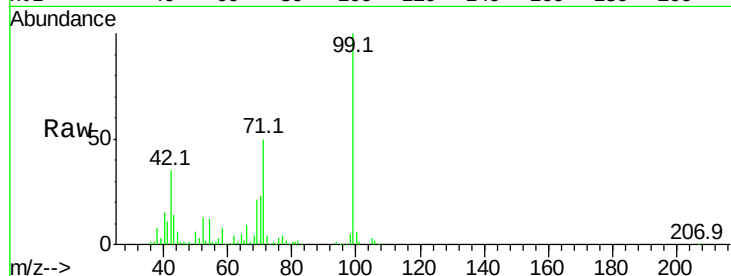
Tot Ion: 99 Resp: 493291

Ion Ratio Lower Upper

99 100

42 34.6 11.0 16.4#

71 50.4 23.4 35.2#



#8

2-Chlorophenol

Concen: 41.55 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

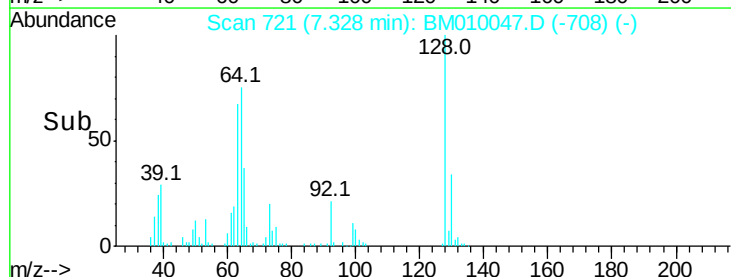
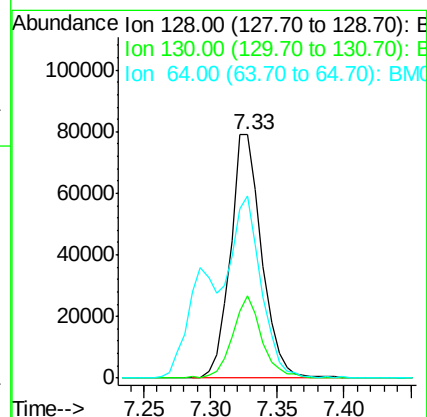
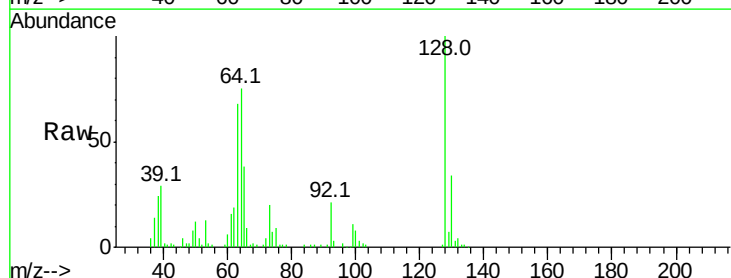
Tgt Ion: 128 Resp: 129921

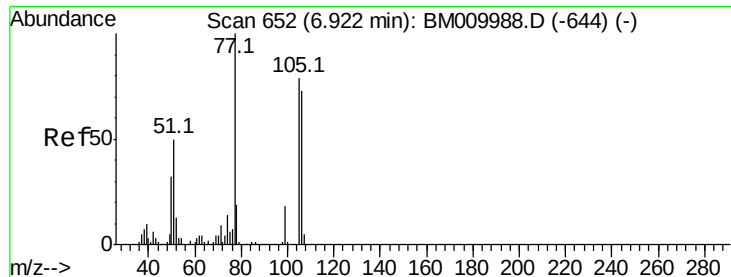
Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

64 74.7 24.9 64.9#





#9

Benzaldehyde

Concen: 25.05 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

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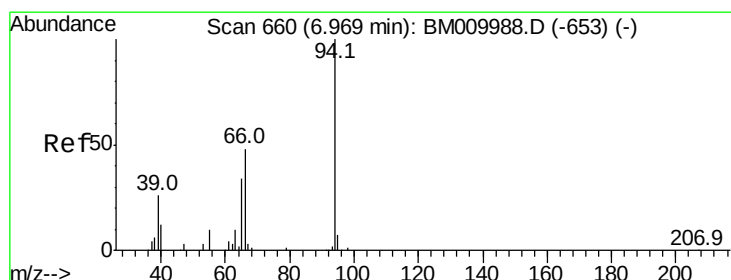
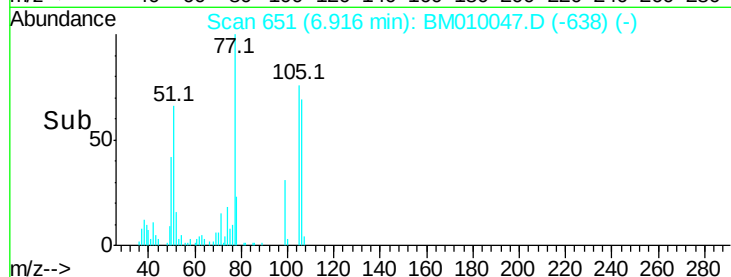
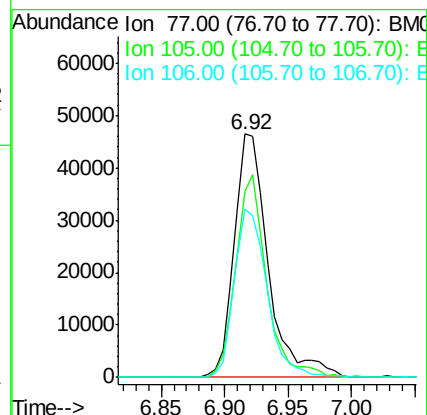
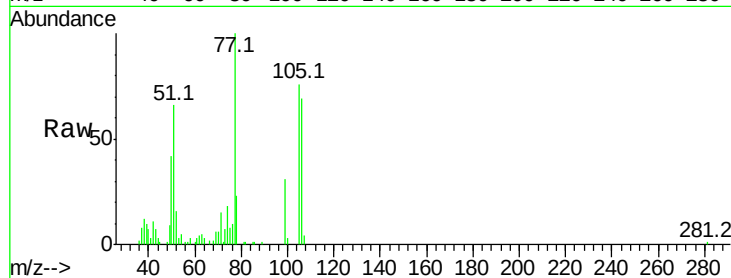
Tot Ion: 77 Resp: 86525

Ion Ratio Lower Upper

77 100

105 76.2 78.8 118.8#

106 69.3 73.7 113.7#



#10

Phenol

Concen: 35.99 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.04 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

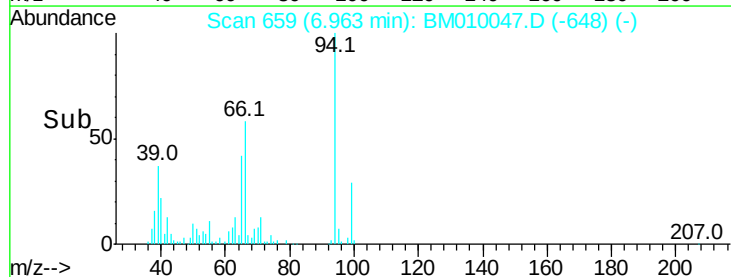
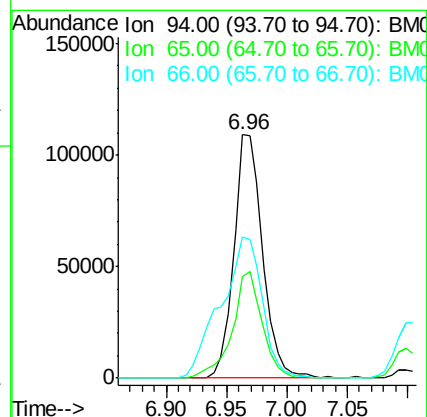
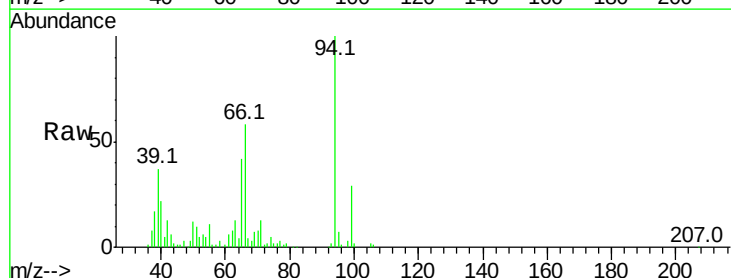
Tgt Ion: 94 Resp: 180505

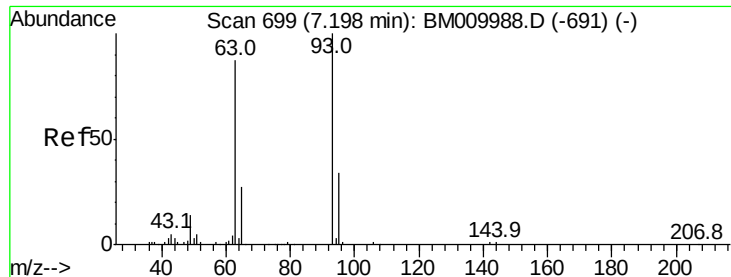
Ion Ratio Lower Upper

94 100

65 41.7 18.8 58.8

66 58.1 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 39.83 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSP

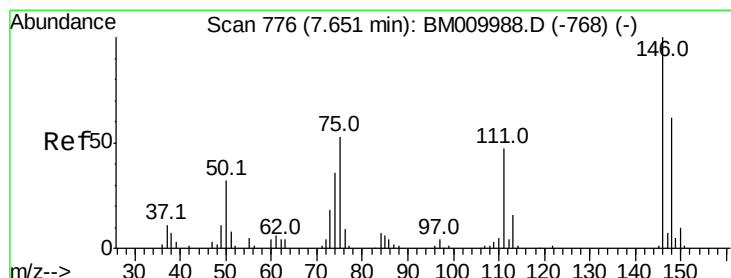
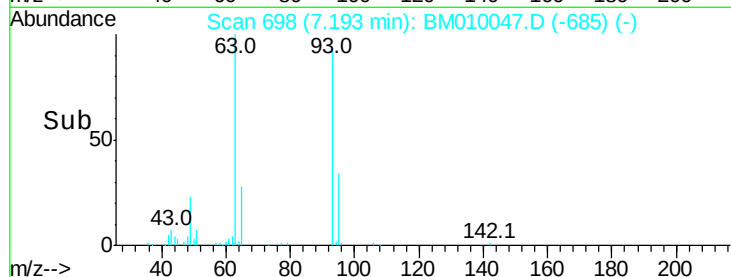
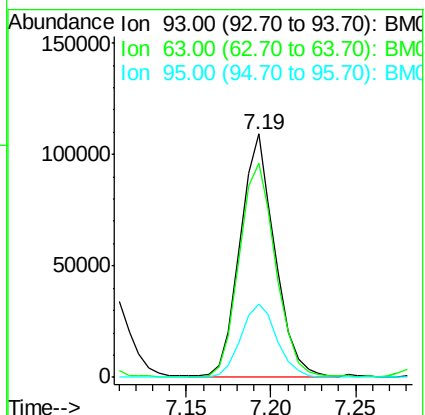
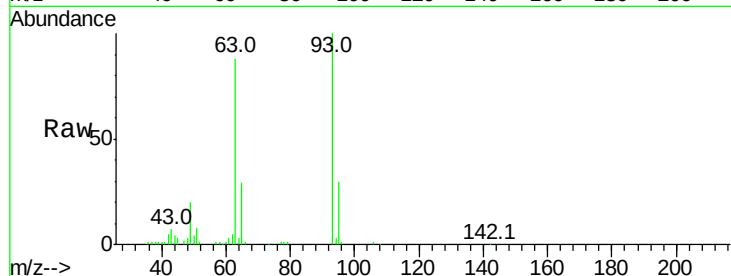
Tot Ion: 93 Resp: 155316

Ion Ratio Lower Upper

93 100

63 88.2 49.5 89.5

95 29.9 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 41.72 ng

RT: 7.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

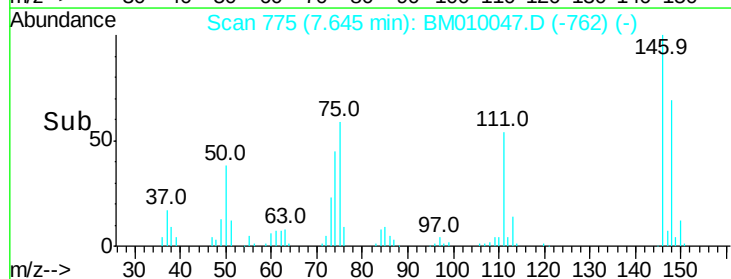
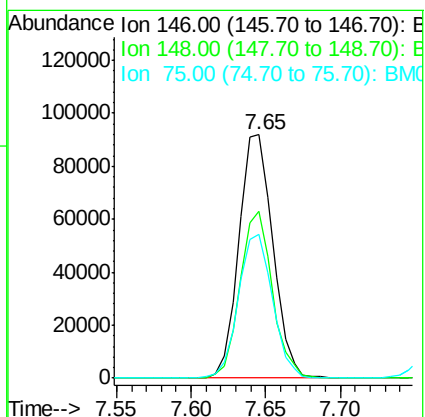
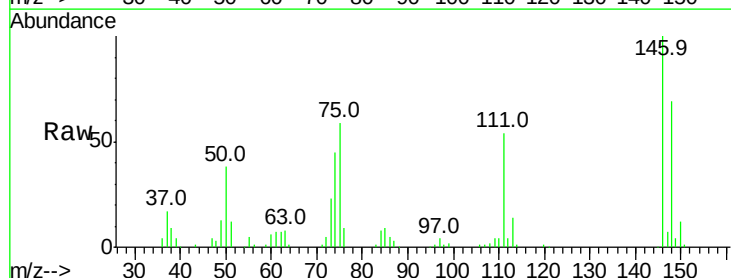
Tgt Ion: 146 Resp: 145639

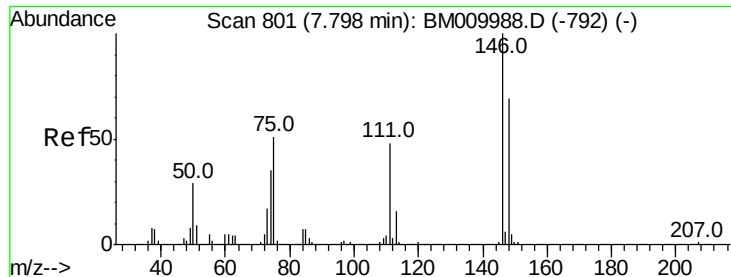
Ion Ratio Lower Upper

146 100

148 68.6 50.9 76.3

75 59.1 21.4 32.2#

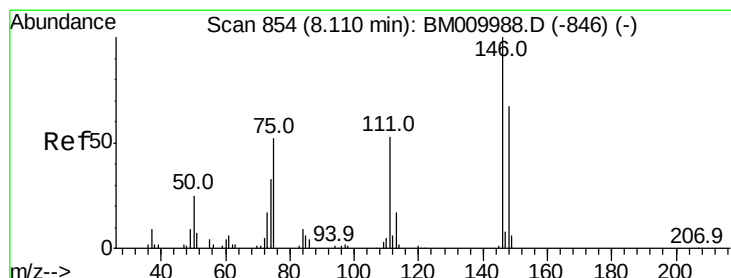
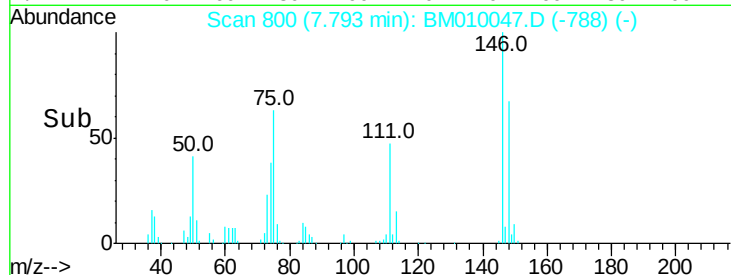
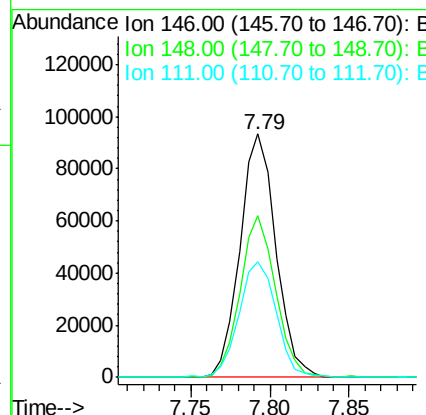
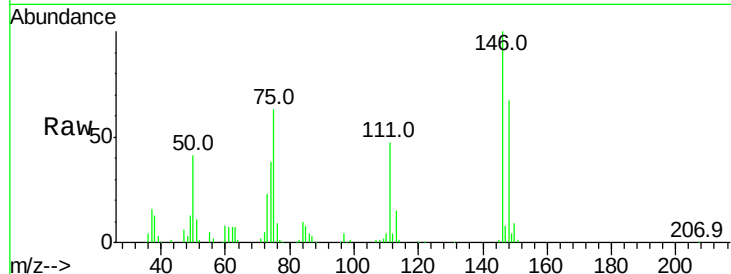




#13
 1,4-Dichlorobenzene
 Concen: 40.93 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

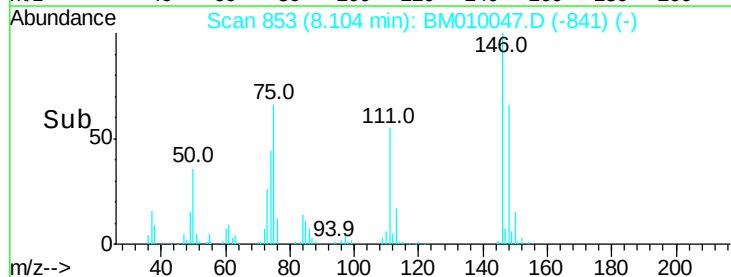
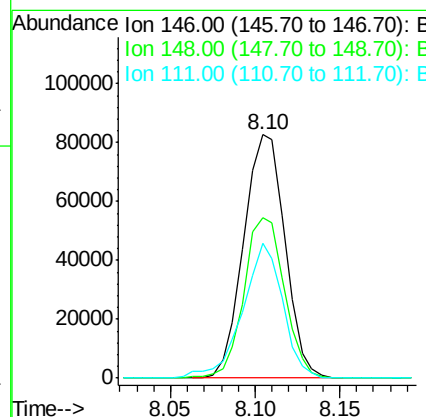
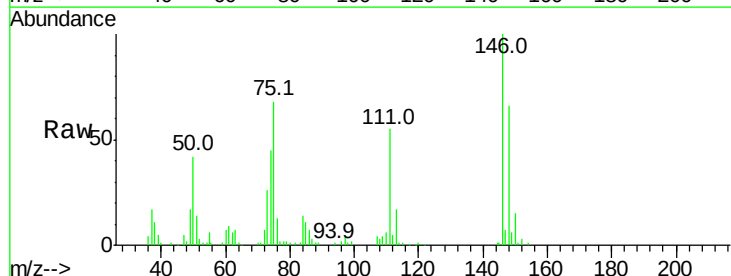
Instrument :
 BNA_M
 ClientSampleId :
 RO-1540-COMPMSD

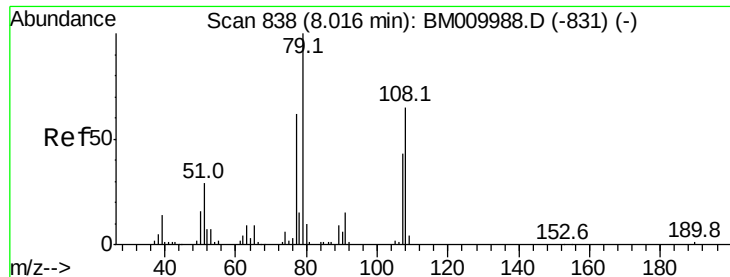
Tot Ion:146 Resp: 146416
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.9 77.9
 111 47.4 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 40.56 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Tgt Ion:146 Resp: 140655
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.3 78.5
 111 55.2 30.6 45.8#





#15

Benzyl Alcohol

Concen: 41.30 ng

RT: 8.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

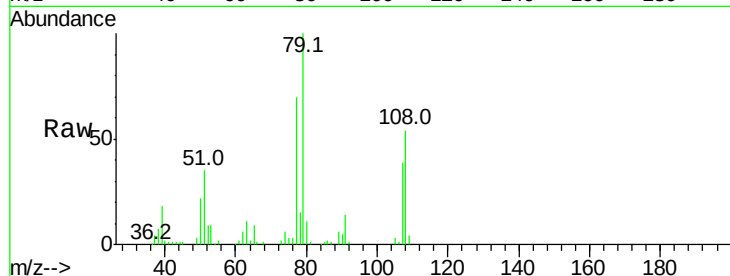
Tot Ion: 79 Resp: 162448

Ion Ratio Lower Upper

79 100

108 54.3 65.0 97.4#

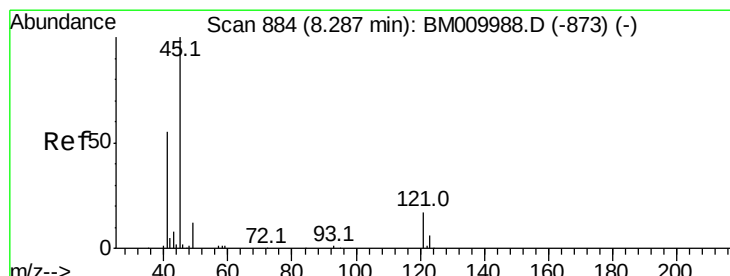
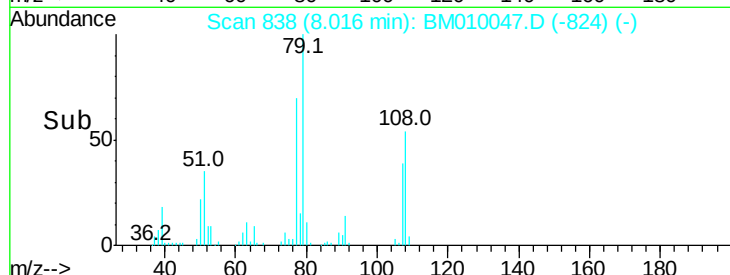
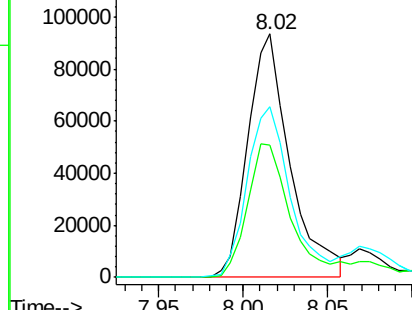
77 69.8 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010047.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM010047.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM010047.D (-831) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.93 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

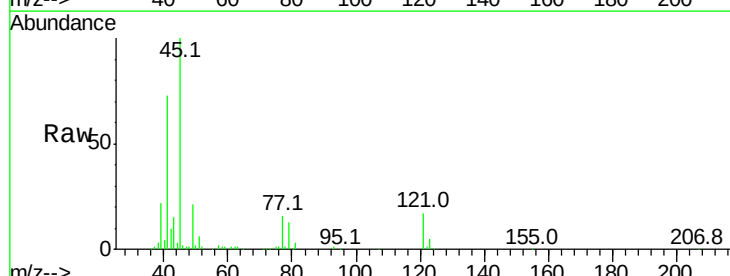
Tgt Ion: 45 Resp: 253283

Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.2

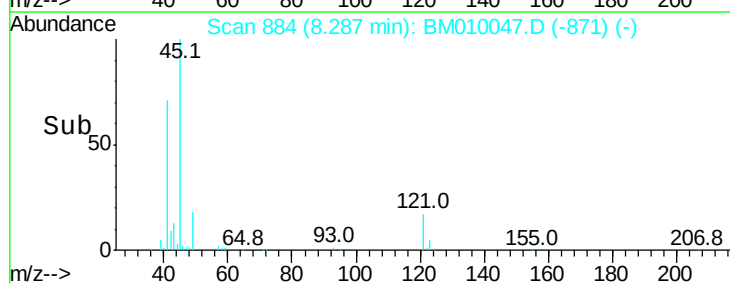
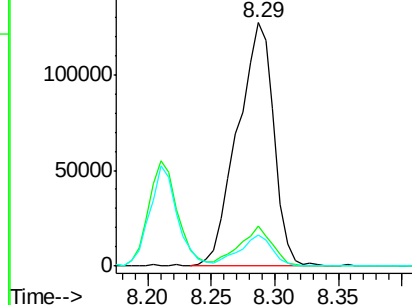
79 12.7 0.0 32.0

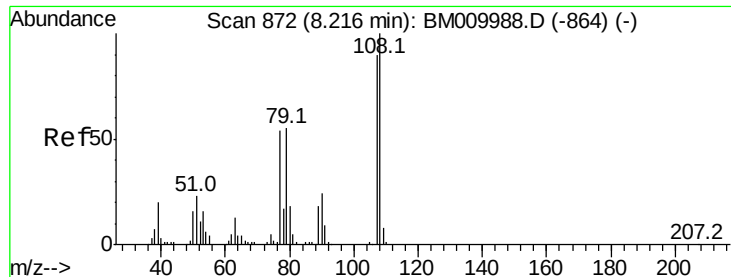


Abundance Ion 45.00 (44.70 to 45.70): BM010047.D (-873) (-)

Ion 77.00 (76.70 to 77.70): BM010047.D (-873) (-)

Ion 79.00 (78.70 to 79.70): BM010047.D (-873) (-)

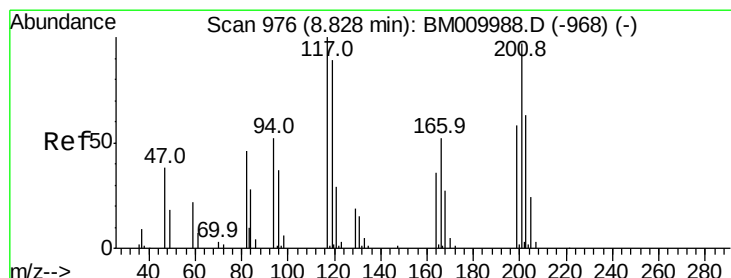
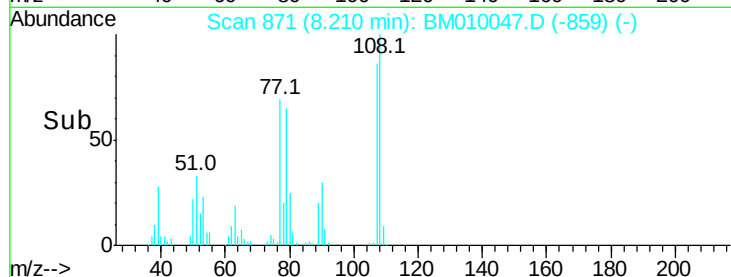
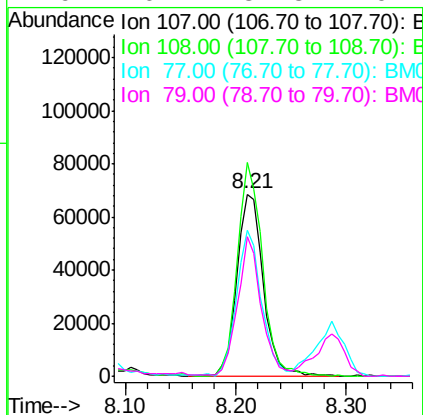
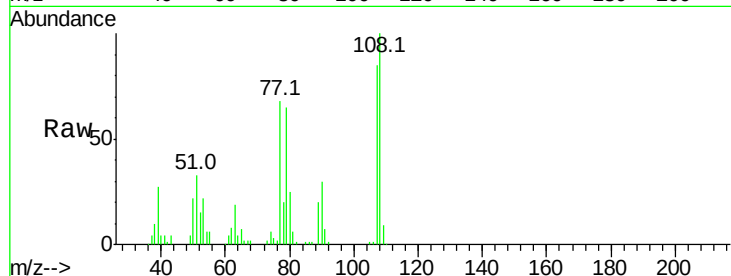




#17
2-Methylphenol
Concen: 35.32 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

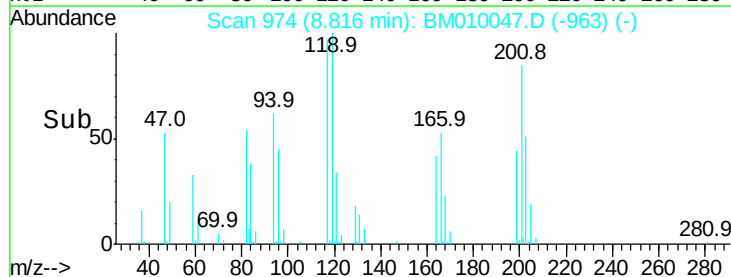
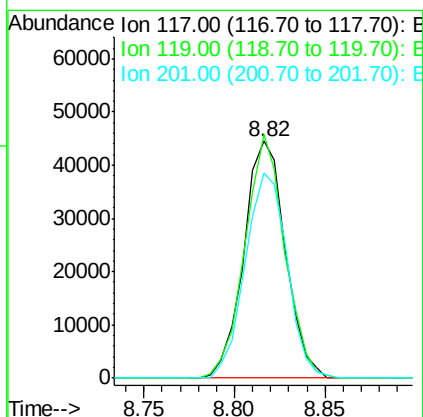
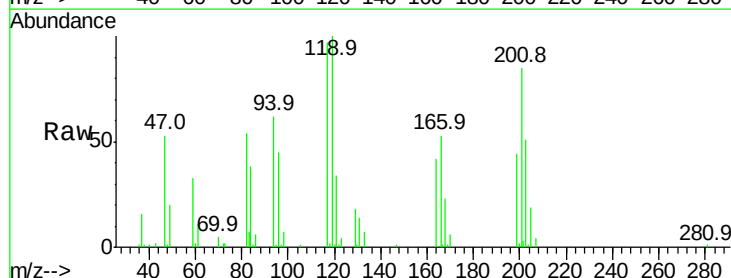
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSSD

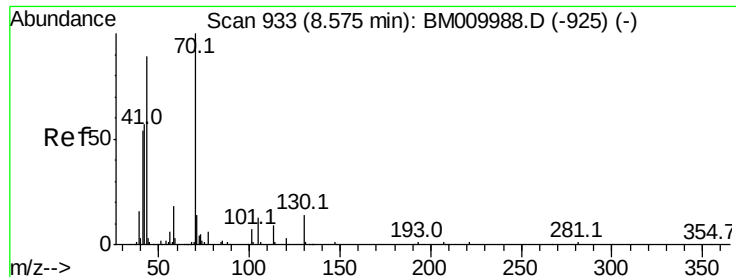
Tot Ion	Ratio	Lower	Upper
107	100		
108	117.2	89.8	134.8
77	80.1	32.6	48.8
79	76.4	32.8	49.2



#18
Hexachloroethane
Concen: 47.84 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.9	79.2	118.8
201	89.6	69.8	104.6

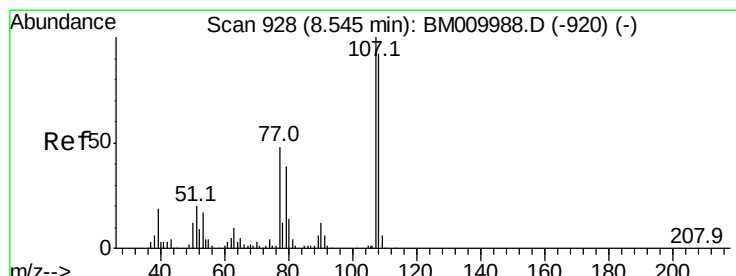
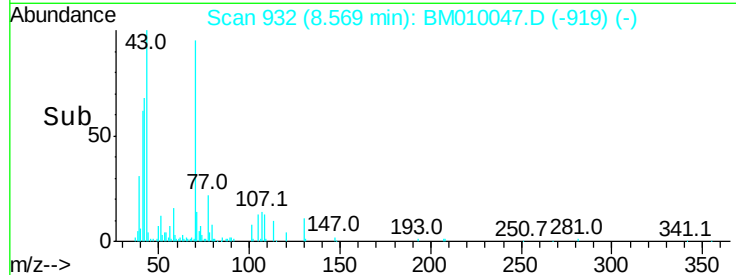
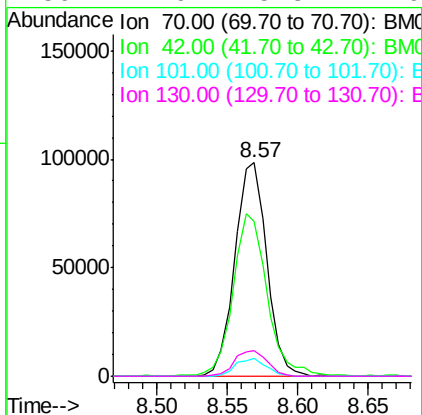
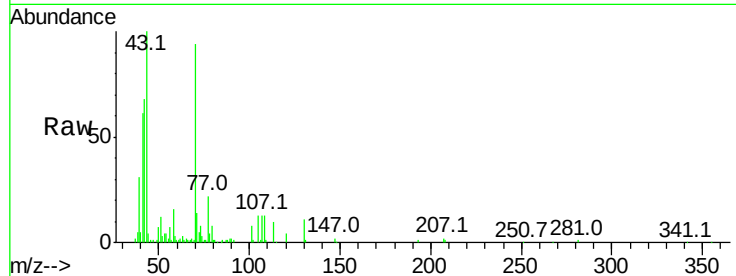




#19
n-Nitroso-di-n-propylamine
Concen: 37.09 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

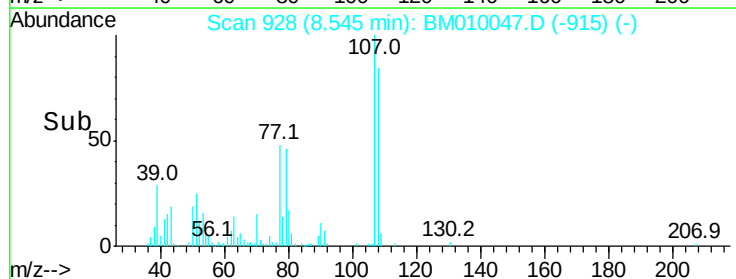
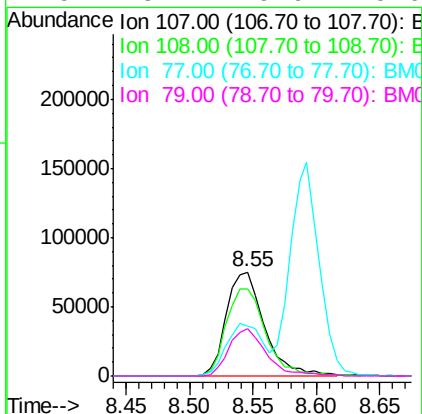
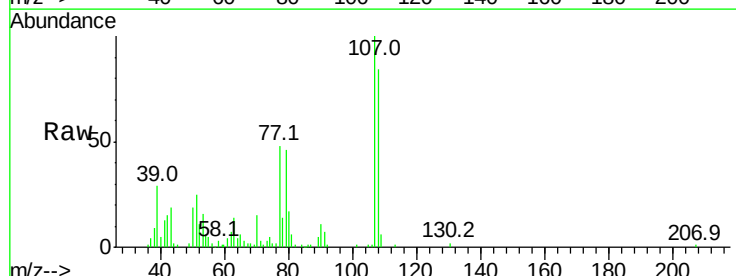
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

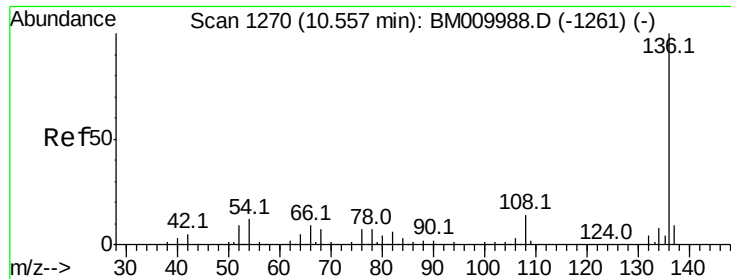
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.3	44.5	66.7#	
101	8.6	7.4	11.2	
130	11.9	15.3	22.9#	



#20
3+4-Methylphenols
Concen: 35.14 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.8	73.2	113.2	
77	48.3	10.7	50.7	
79	45.7	9.6	49.6	

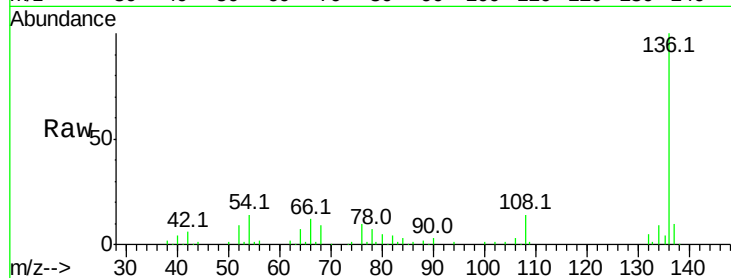




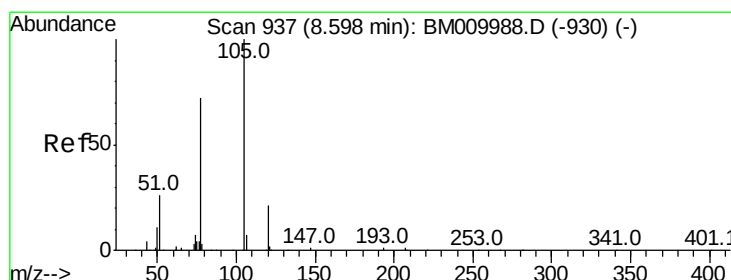
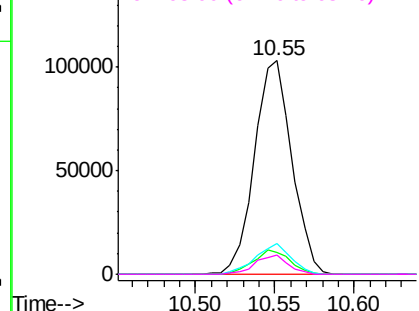
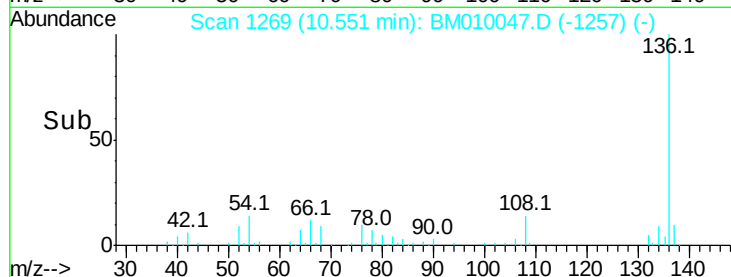
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

Tot Ion:136	Resp:	169170
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.7 13.1
54	14.2	4.6 6.8#
68	9.2	3.7 5.5#

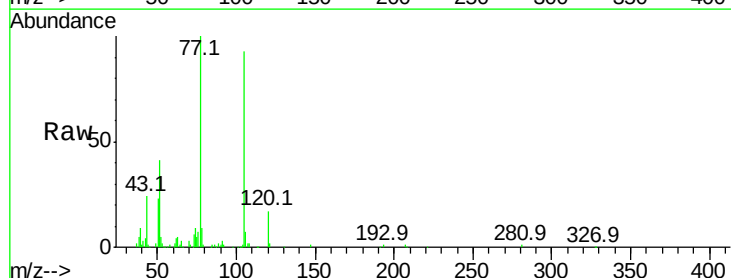


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

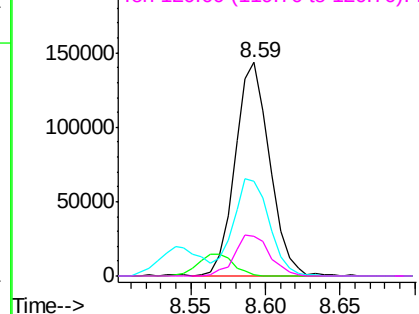
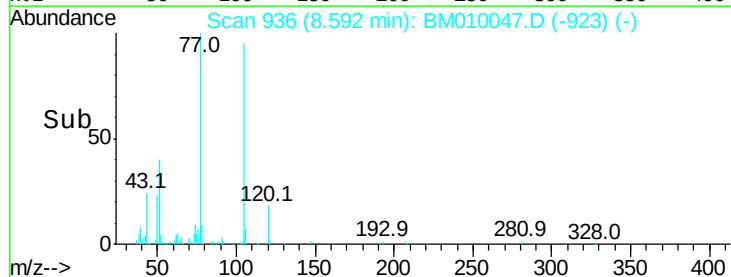


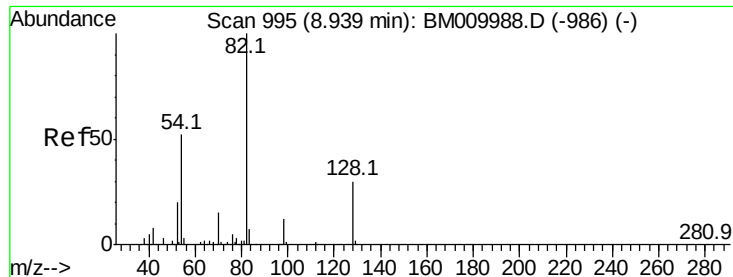
#22
Acetophenone
Concen: 44.75 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:105	Resp:	231436
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.6 1.0
51	44.1	21.6 32.4#
120	18.8	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

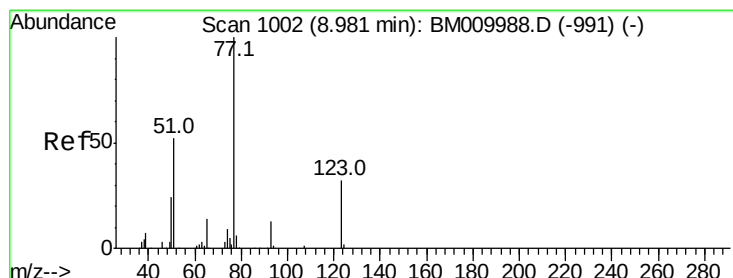
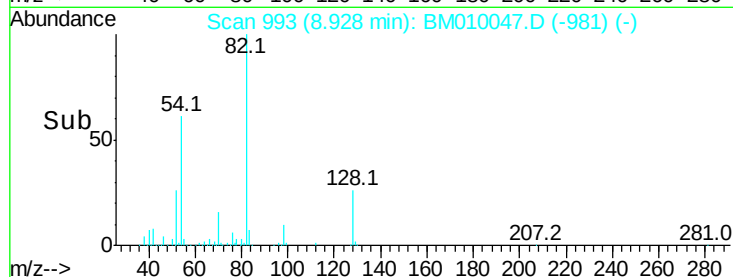
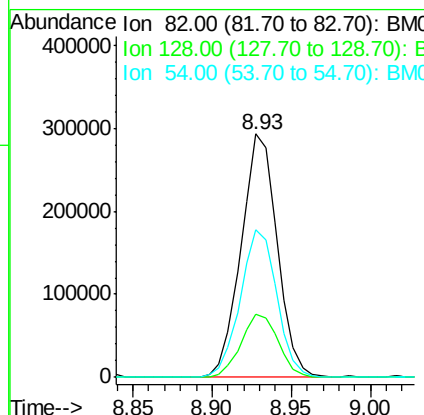
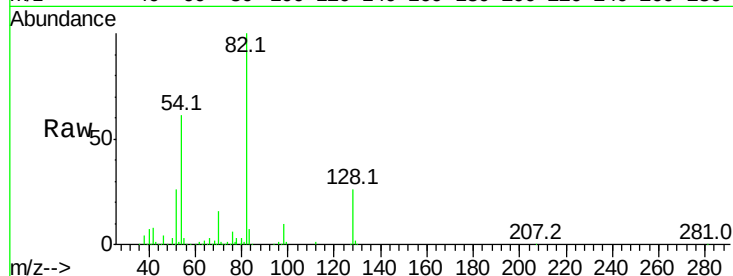




#23
Nitrobenzene-d5
Concen: 100.43 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

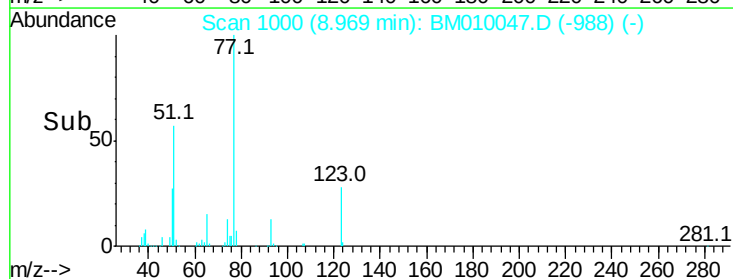
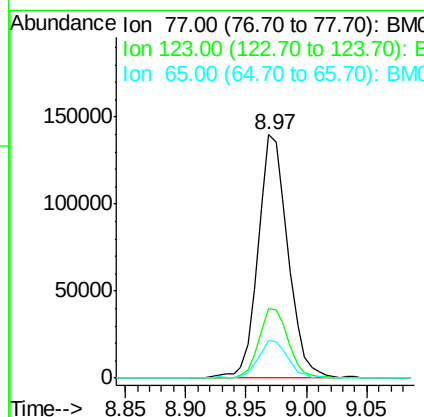
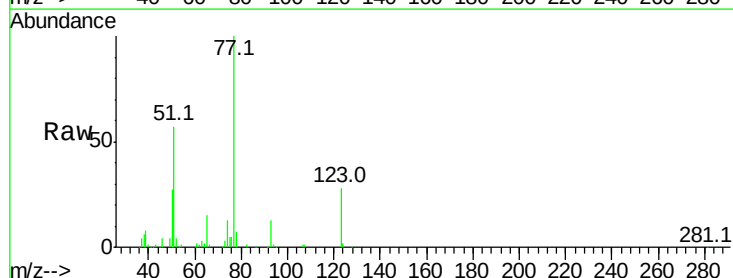
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

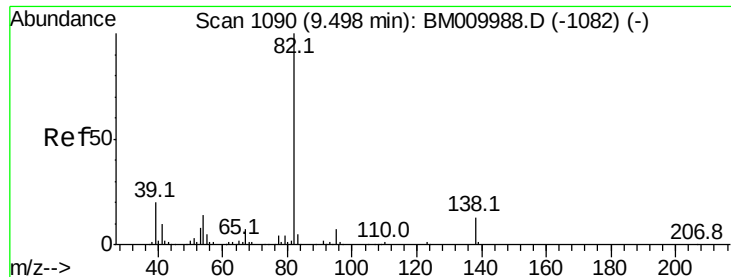
Tot Ion	82	Resp	464918
Ion Ratio	Lower	Upper	
82	100		
128	25.9	32.8	49.2#
54	60.7	40.6	60.8



#24
Nitrobenzene
Concen: 48.75 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion	77	Resp	240175
Ion Ratio	Lower	Upper	
77	100		
123	28.3	32.6	49.0#
65	15.4	10.9	16.3





#25

Isophorone

Concen: 45.11 ng

RT: 9.49 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSSD

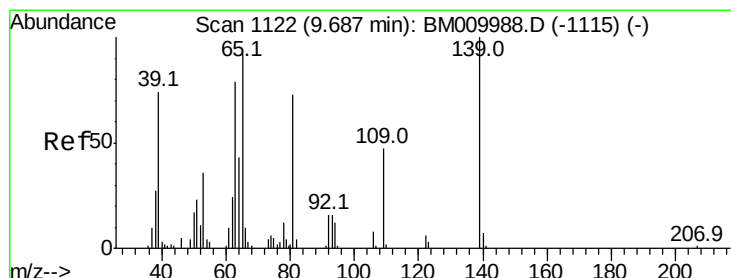
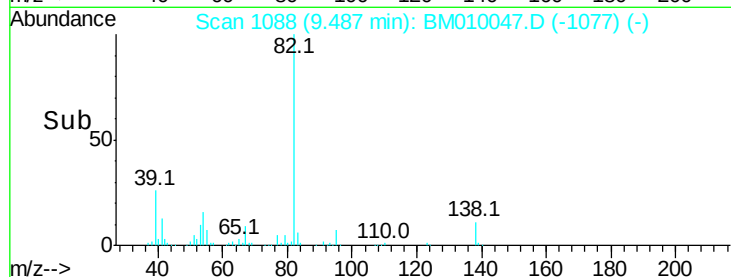
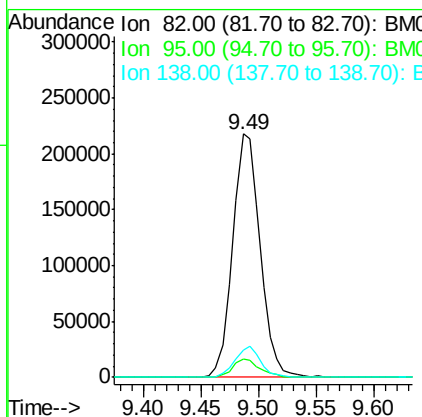
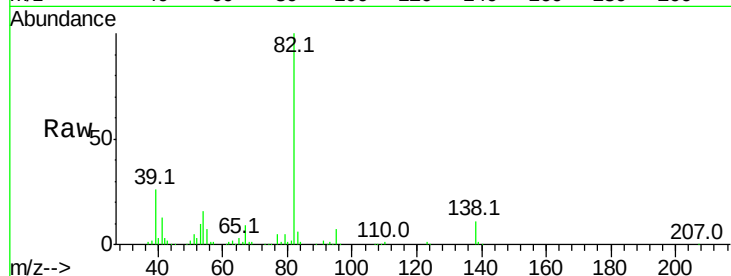
Tot Ion: 82 Resp: 359381

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 11.2 16.3 24.5#



#26

2-Nitrophenol

Concen: 45.43 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

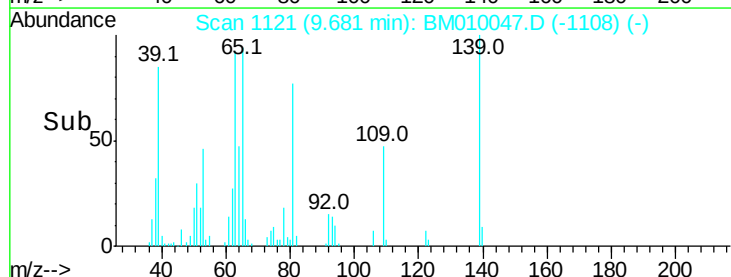
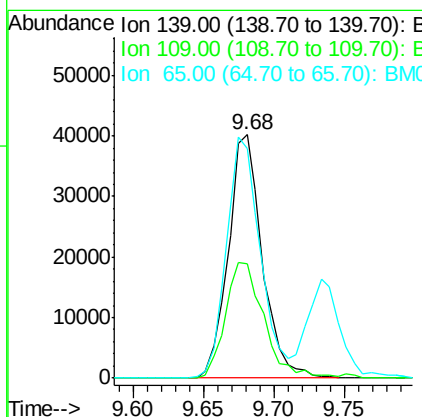
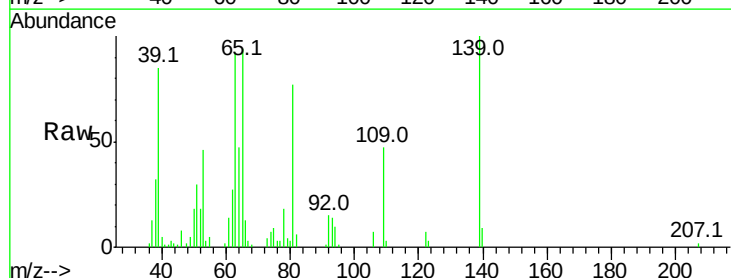
Tgt Ion: 139 Resp: 67394

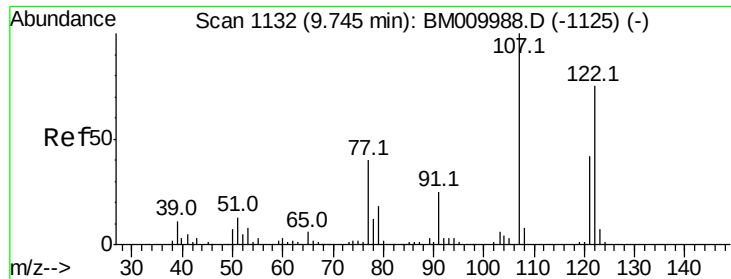
Ion Ratio Lower Upper

139 100

109 47.1 20.1 30.1#

65 94.4 31.5 47.3#

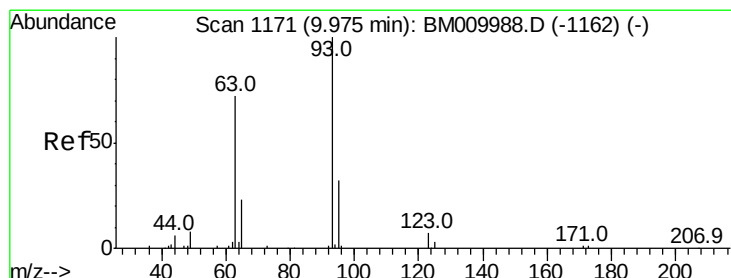
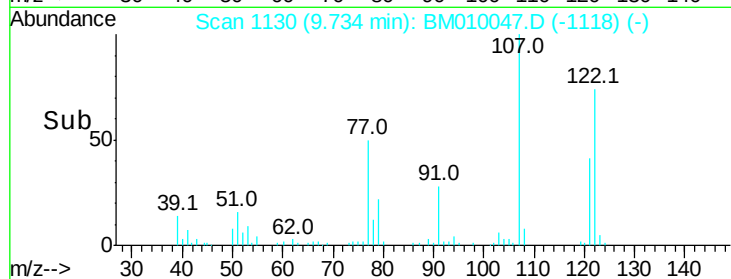
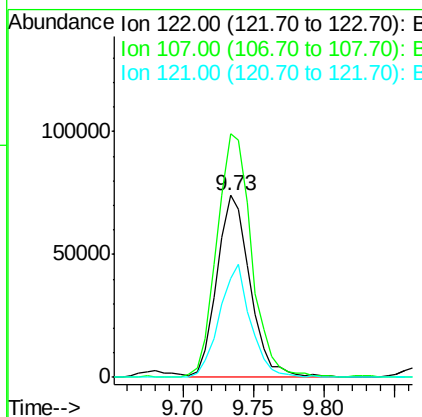
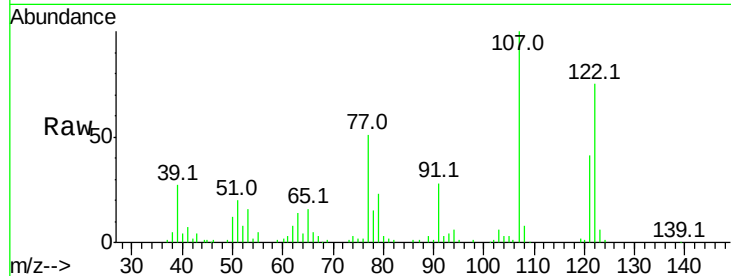




#27
 2,4-Dimethylphenol
 Concen: 43.21 ng
 RT: 9.73 min Scan# 1130
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

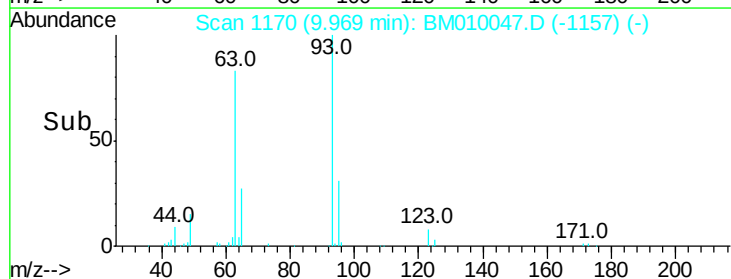
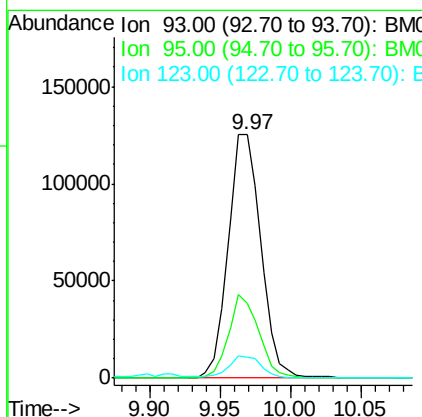
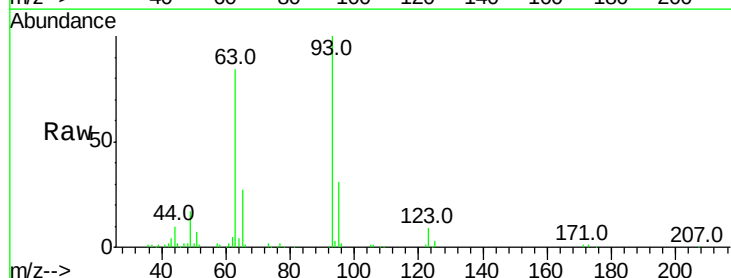
Instrument :
 BNA_M
 ClientSampleId :
 RO-1540-COMPMSD

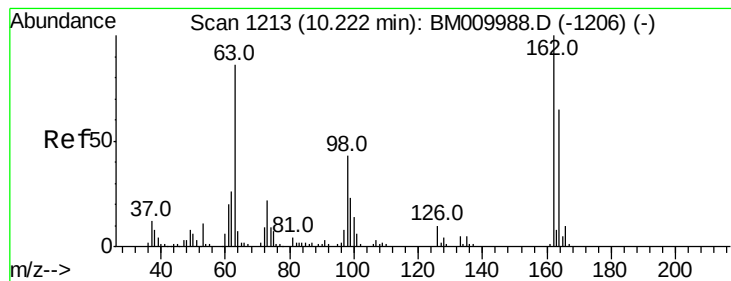
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.7	84.7	127.1#
121	54.5	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.15 ng
 RT: 9.97 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	25.5	38.3
123	8.6	8.6	13.0#





#29

2,4-Dichlorophenol

Concen: 42.06 ng

RT: 10.22 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

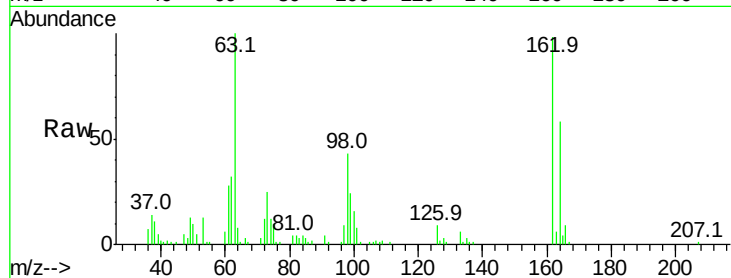
Tot Ion:162 Resp: 113637

Ion Ratio Lower Upper

162 100

164 59.4 42.8 82.8

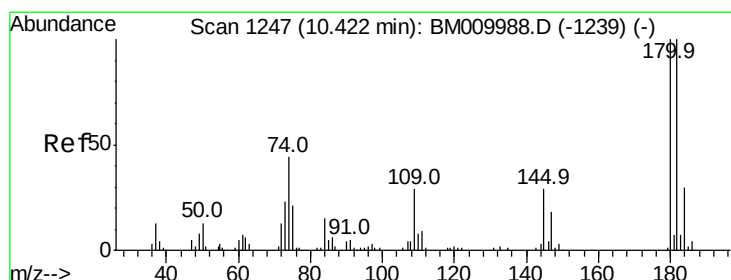
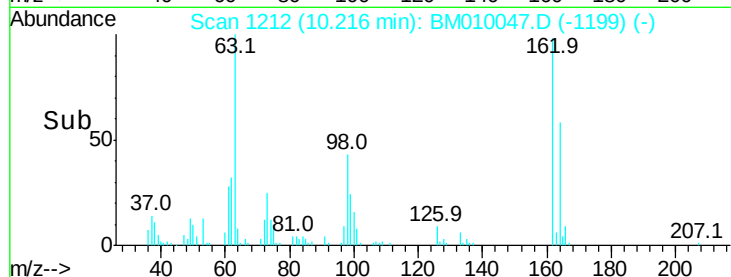
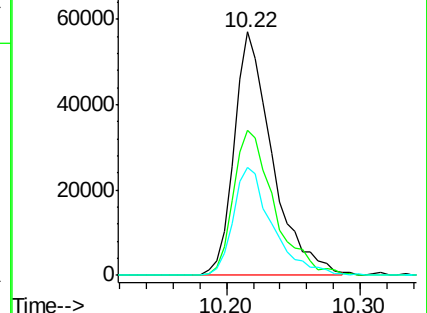
98 44.2 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 42.59 ng

RT: 10.41 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

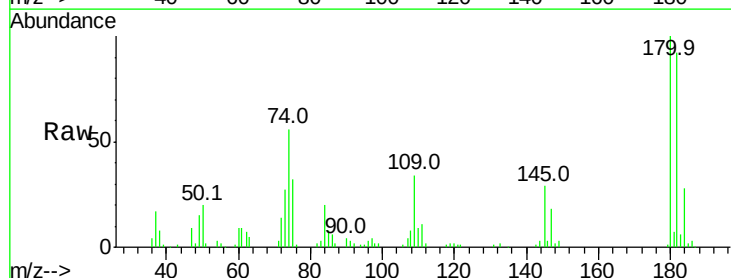
Tgt Ion:180 Resp: 134340

Ion Ratio Lower Upper

180 100

182 92.0 77.6 116.4

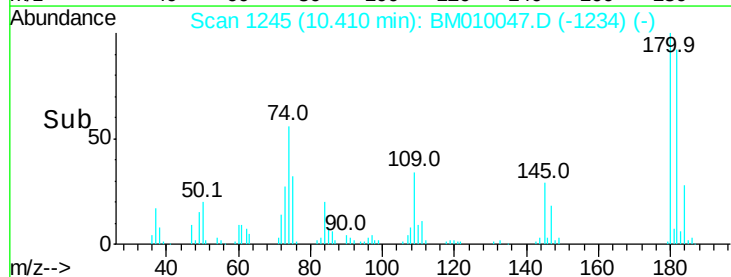
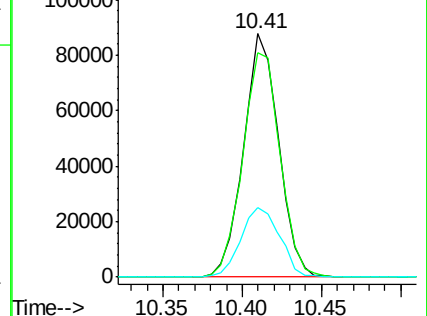
145 28.5 23.4 35.2

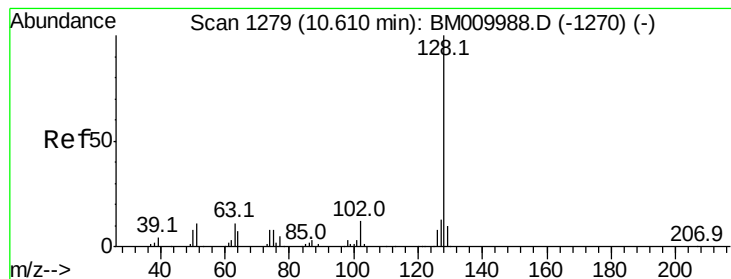


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.34 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.04 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

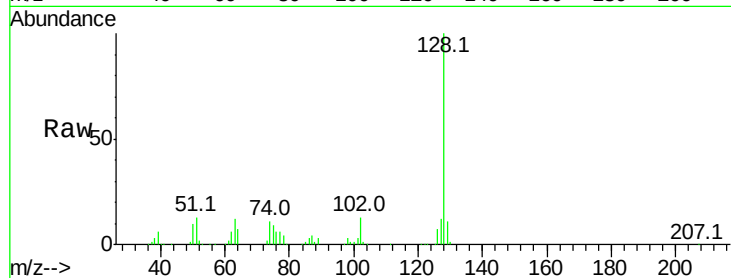
Tot Ion:128 Resp: 403654

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

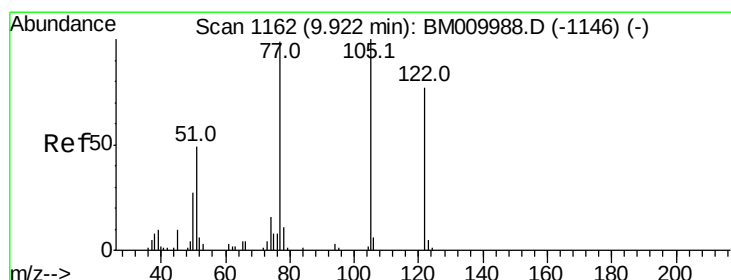
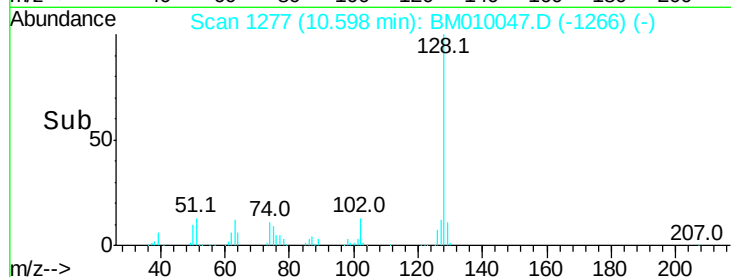
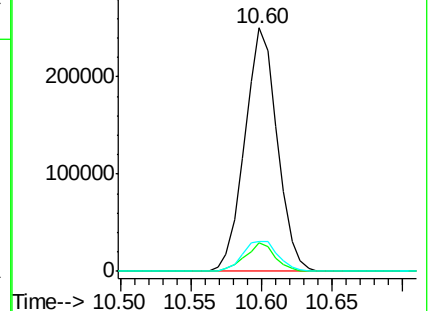
127 12.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.45 ng

RT: 9.92 min Scan# 1161

Delta R.T. -0.05 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

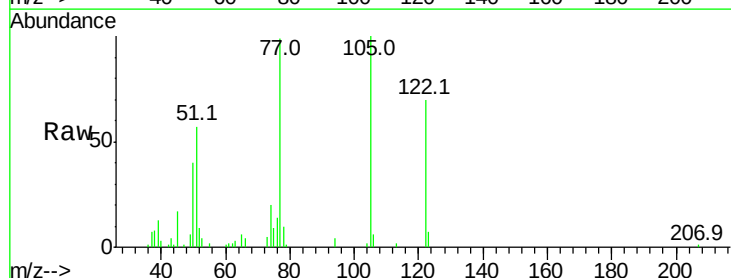
Tgt Ion:122 Resp: 63984

Ion Ratio Lower Upper

122 100

105 143.7 99.9 139.9#

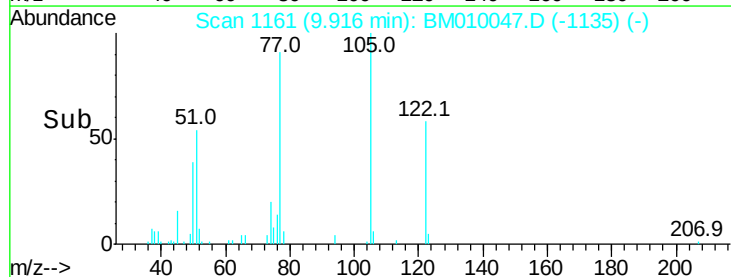
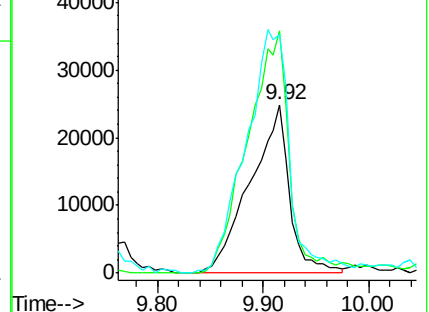
77 141.9 73.7 113.7#

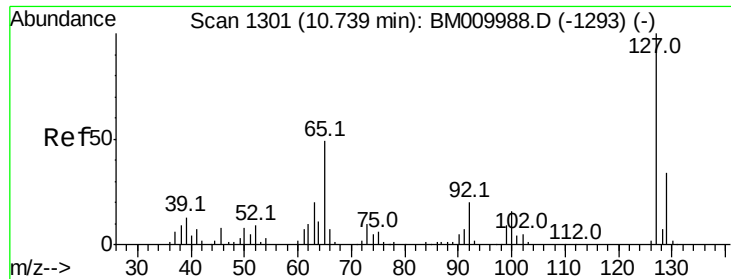


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

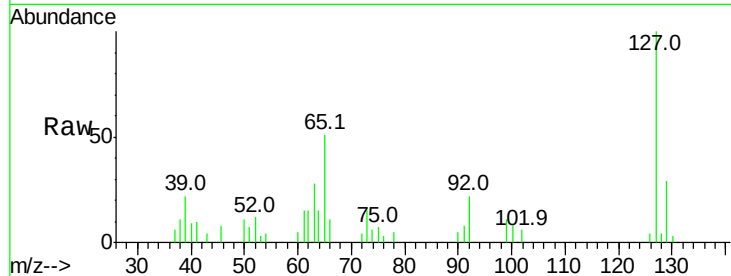




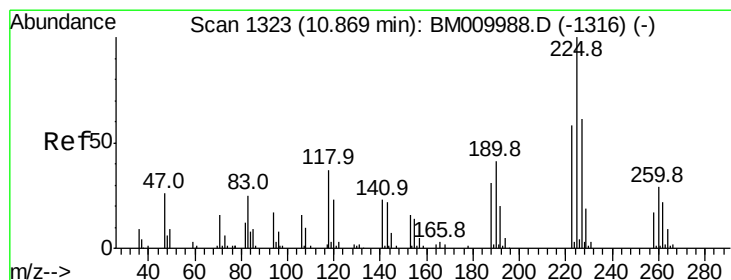
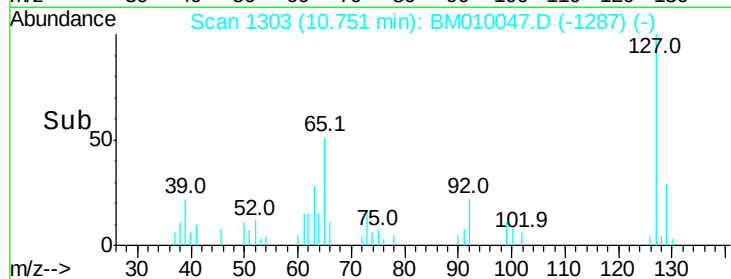
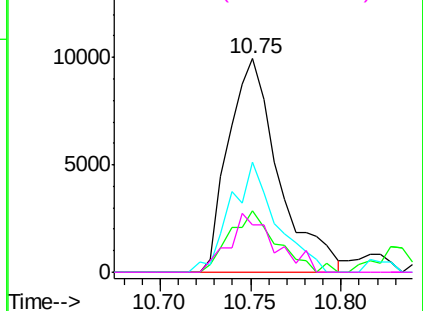
#33
4-Chloroaniline
Concen: 4.84 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

Tot Ion:	127	Resp:	19178
Ion	Ratio	Lower	Upper
127	100		
129	28.5	25.3	37.9
65	51.5	17.6	26.4
92	22.2	13.1	19.7

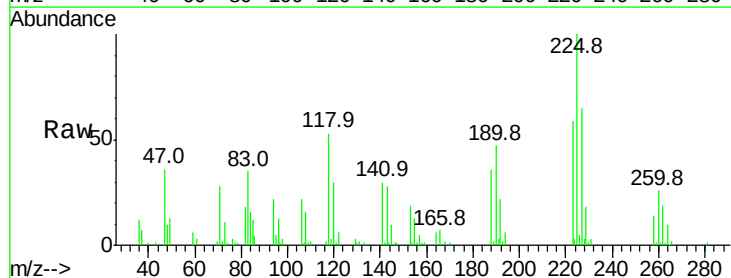


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

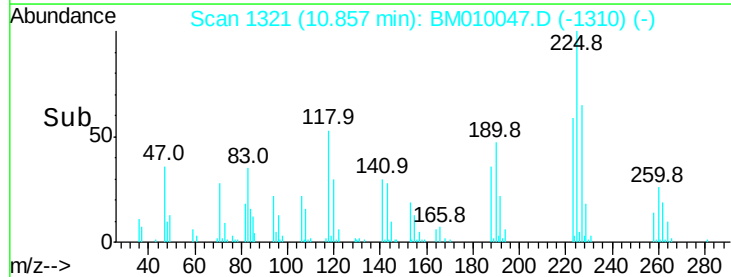
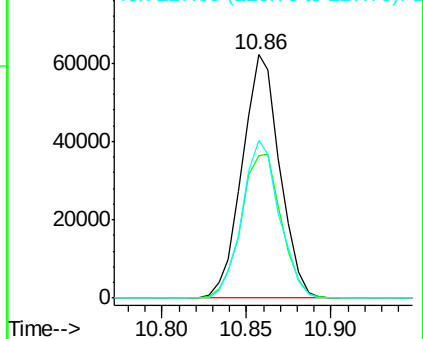


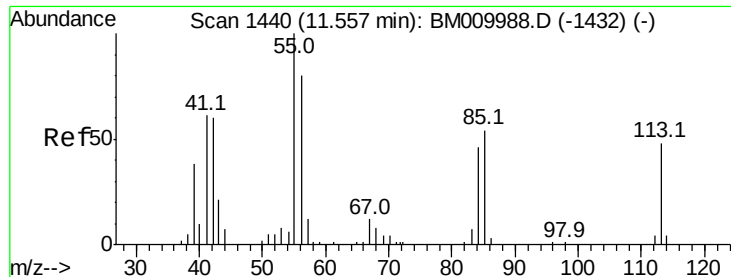
#34
Hexachlorobutadiene
Concen: 44.71 ng
RT: 10.86 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:	225	Resp:	95966
Ion	Ratio	Lower	Upper
225	100		
223	58.6	47.9	71.9
227	65.1	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.88 ng

RT: 11.55 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

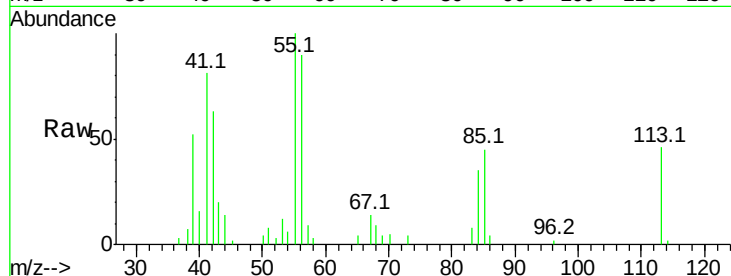
Tot Ion:113 Resp: 27320

Ion Ratio Lower Upper

113 100

55 217.4 145.9 185.9#

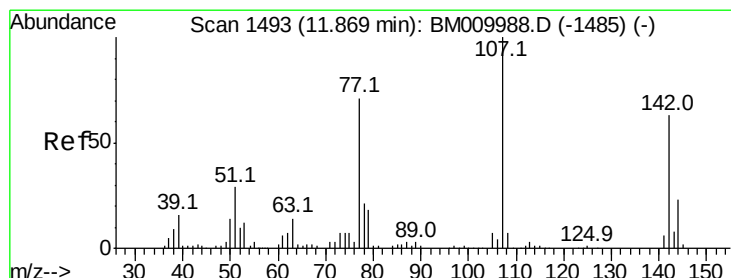
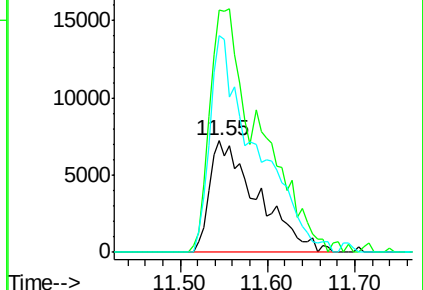
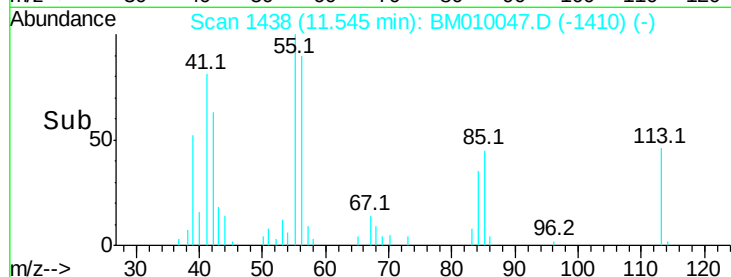
56 194.9 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.77 ng

RT: 11.86 min Scan# 1492

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

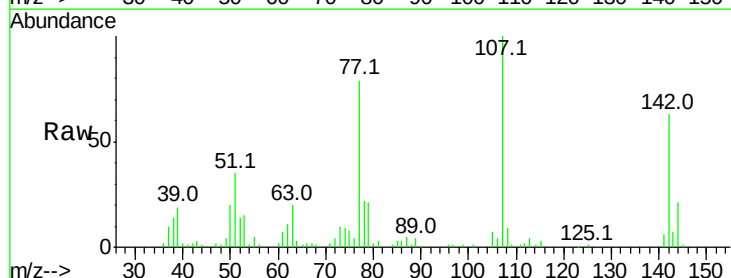
Tgt Ion:107 Resp: 136363

Ion Ratio Lower Upper

107 100

144 21.3 23.3 34.9#

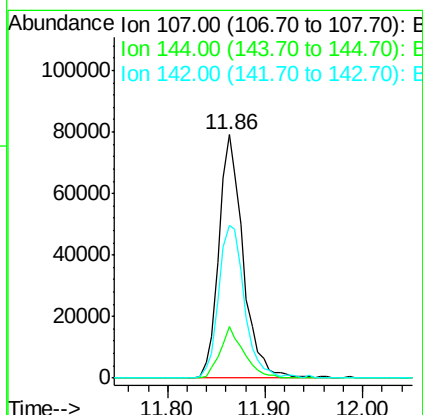
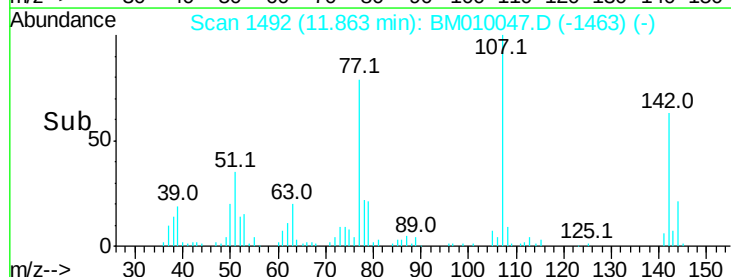
142 62.5 72.6 109.0#

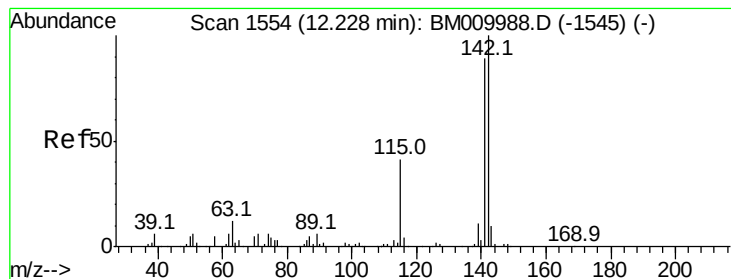


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.77 ng

RT: 12.22 min Scan# 1552

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

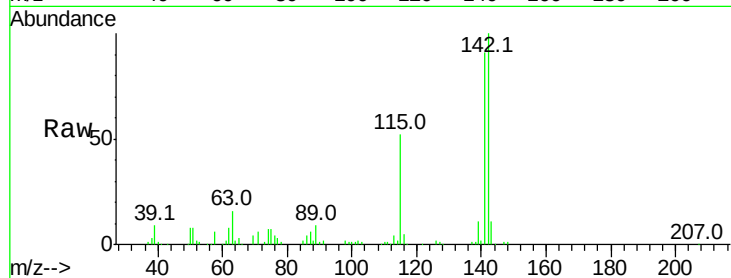
Tot Ion:142 Resp: 278474

Ion Ratio Lower Upper

142 100

141 91.4 71.9 107.9

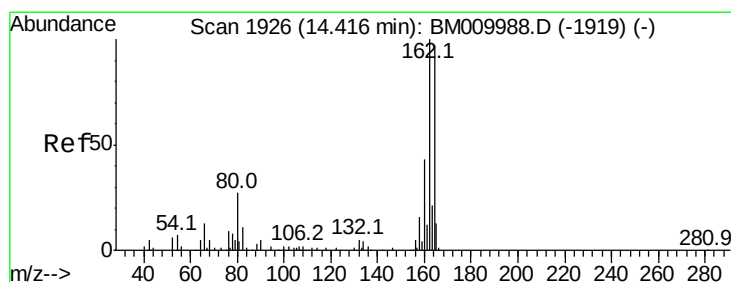
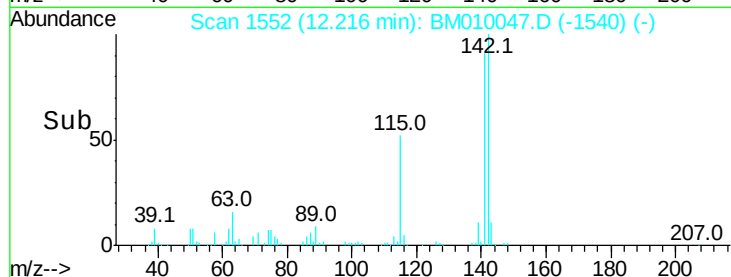
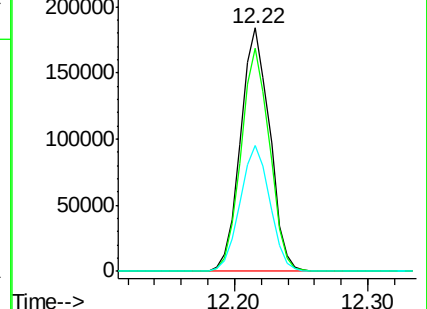
115 51.6 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

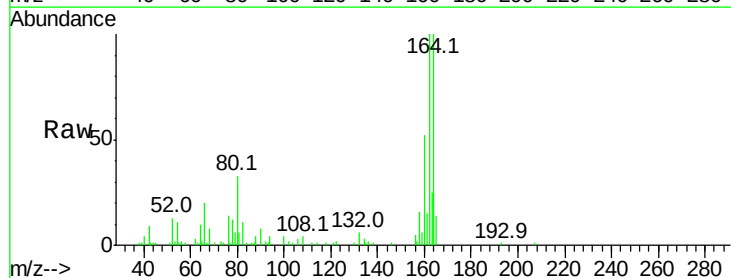
Tgt Ion:164 Resp: 89225

Ion Ratio Lower Upper

164 100

162 100.3 82.4 123.6

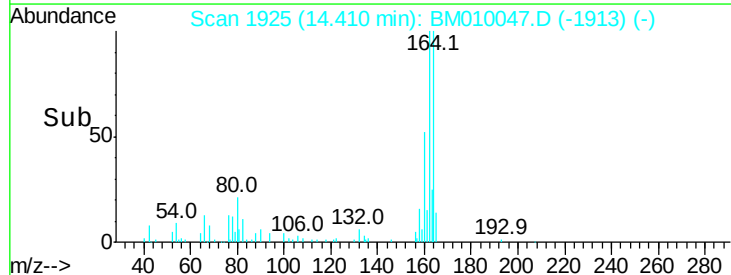
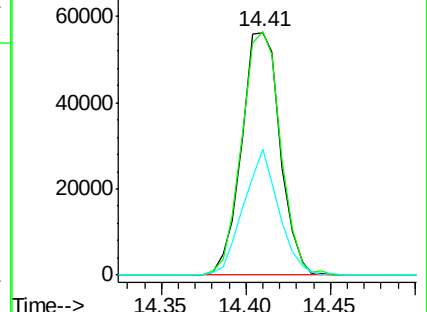
160 51.7 35.8 53.6

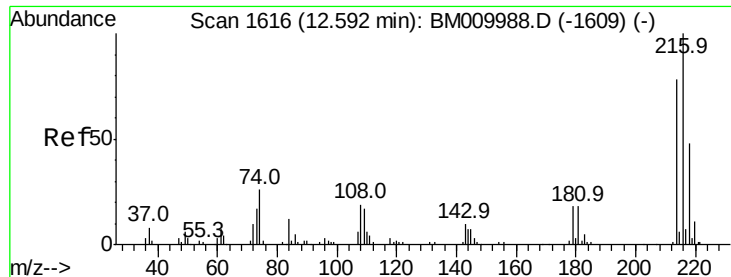


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.80 ng

RT: 12.59 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

Tot Ion:216 Resp: 151989

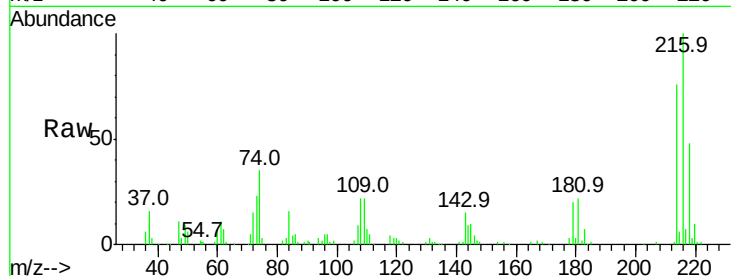
Ion Ratio Lower Upper

216 100

214 76.3 0.0 0.0#

179 20.4 0.0 0.0#

108 23.5 0.0 0.0#

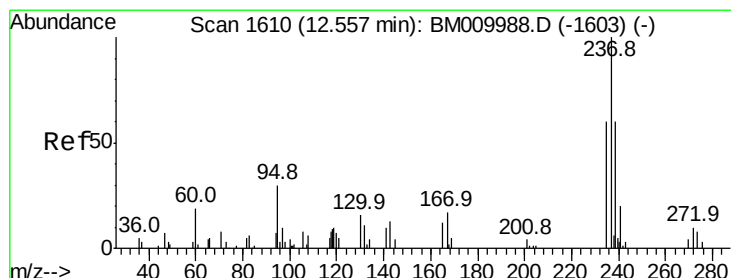
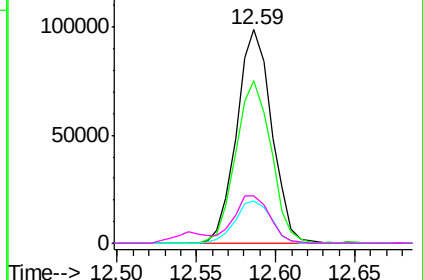
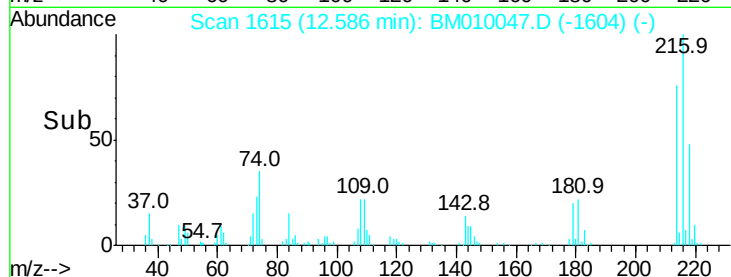


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 101.03 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

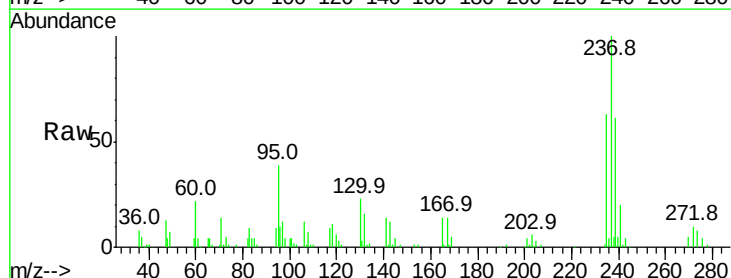
Tgt Ion:237 Resp: 98286

Ion Ratio Lower Upper

237 100

235 62.5 42.0 82.0

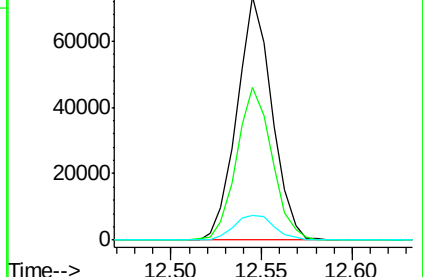
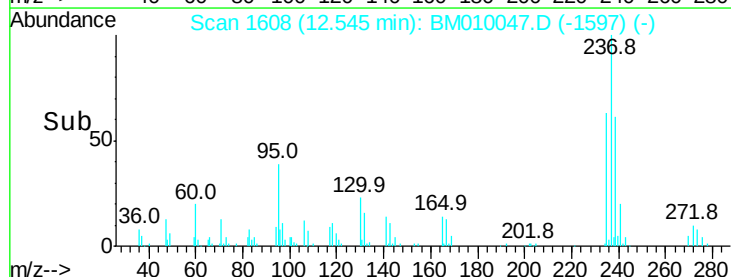
272 10.1 0.0 33.4

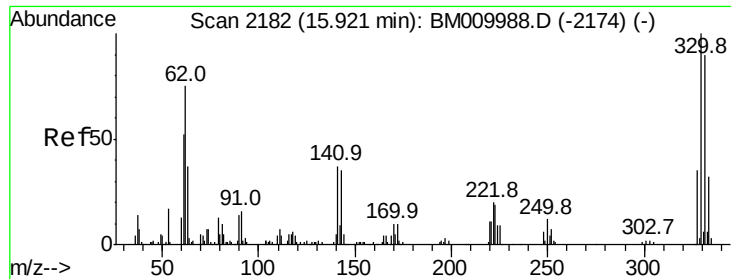


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

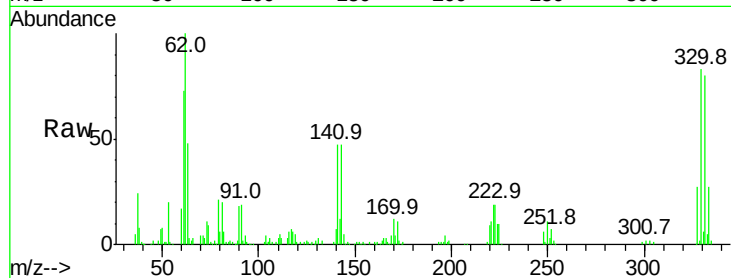




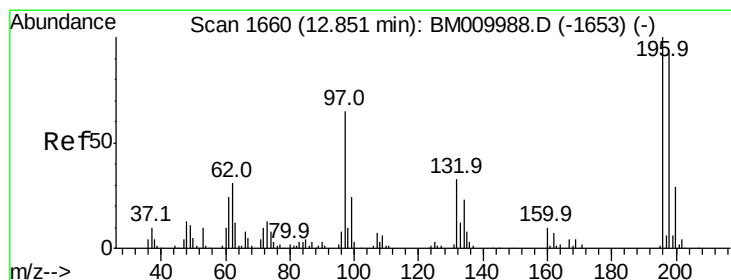
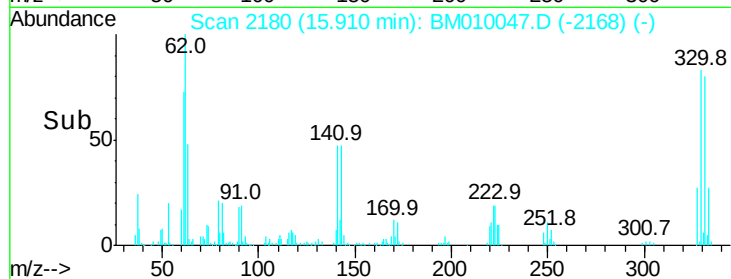
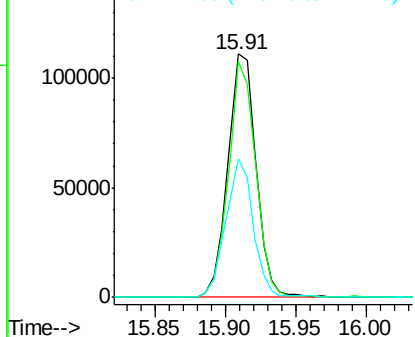
#41
 2,4,6-Tribromophenol
 Concen: 127.34 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Instrument :
 BNA_M
 ClientSampleId :
 RO-1540-COMPMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.8	0.0	0.0#
141	55.1	0.0	0.0#

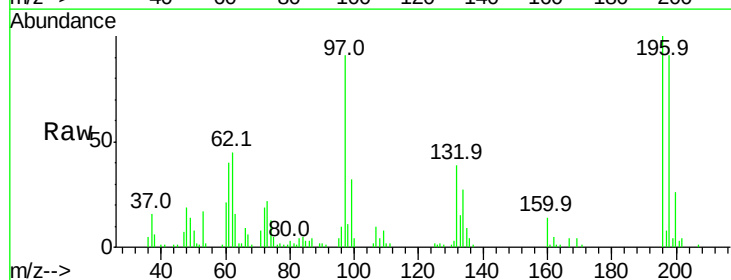


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

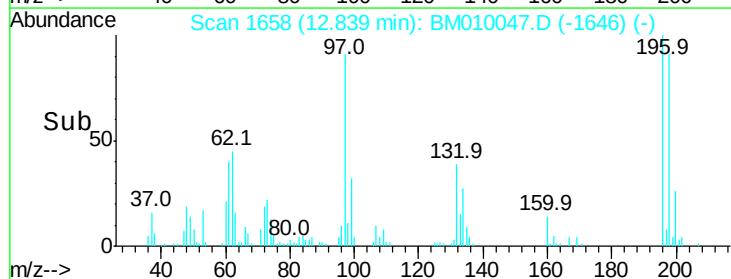
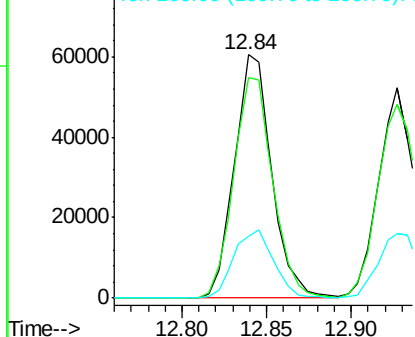


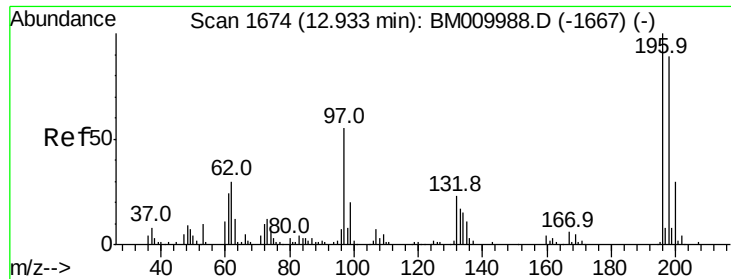
#42
 2,4,6-Trichlorophenol
 Concen: 46.64 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.7	76.3	114.5
200	25.5	25.6	38.4#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

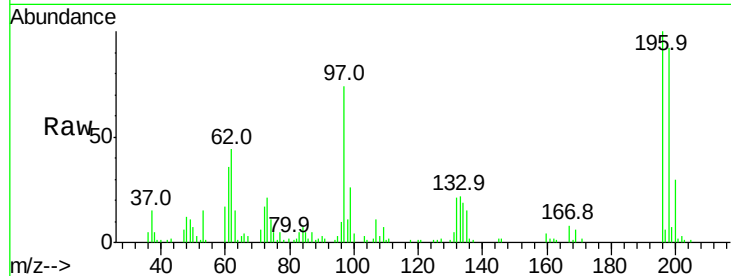




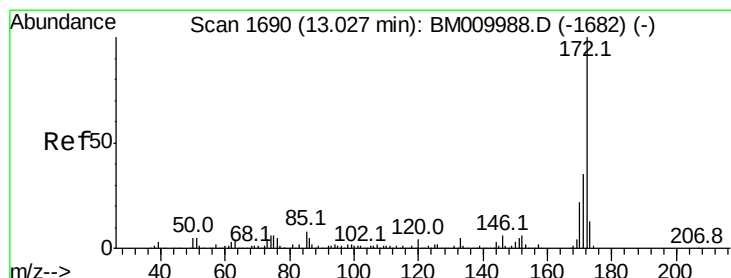
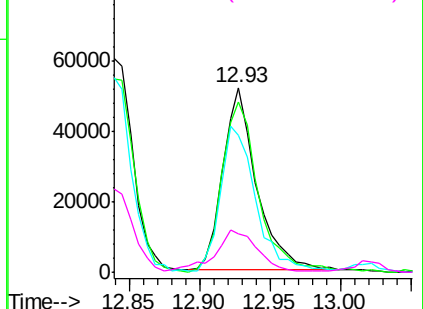
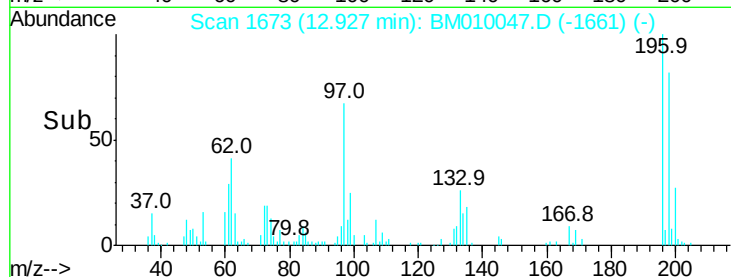
#43
 2,4,5-Trichlorophenol
 Concen: 39.96 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Instrument :
 BNA_M
 ClientSampleId :
 RO-1540-COMPMSD

Tot Ion:196 Resp: 86780
 Ion Ratio Lower Upper
 196 100
 198 92.0 79.4 119.0
 97 74.3 26.8 40.2#
 132 21.0 18.6 28.0

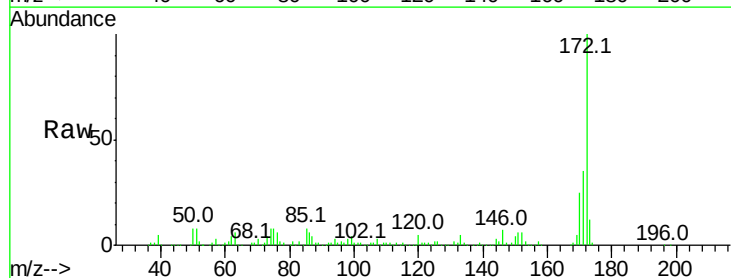


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

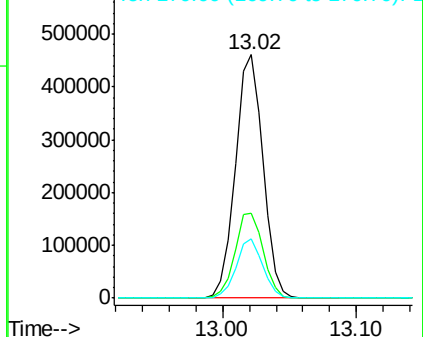
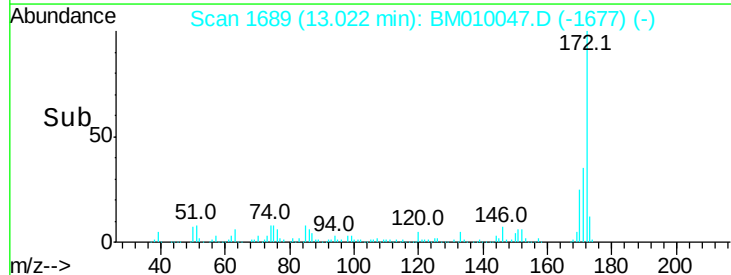


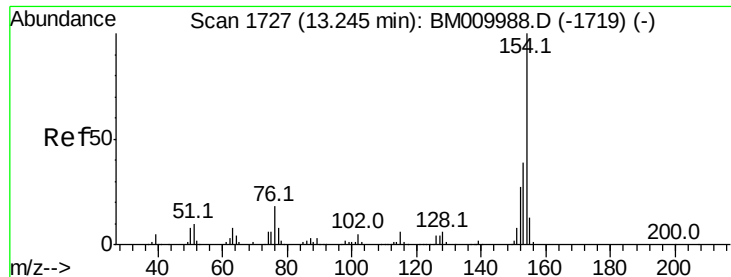
#44
 2-Fluorobiphenyl
 Concen: 98.88 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Tgt Ion:172 Resp: 659714
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 24.5 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.43 ng

RT: 13.23 min Scan# 1725

Delta R.T. -0.04 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

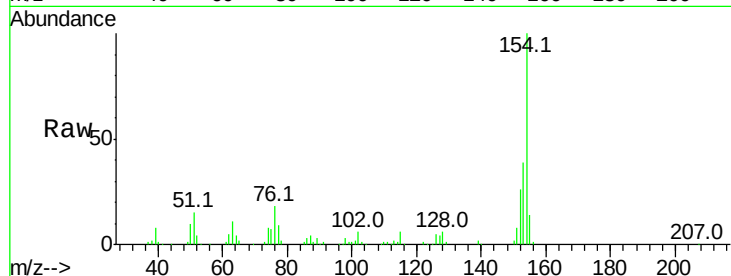
Tot Ion:154 Resp: 352205

Ion Ratio Lower Upper

154 100

153 38.9 20.7 60.7

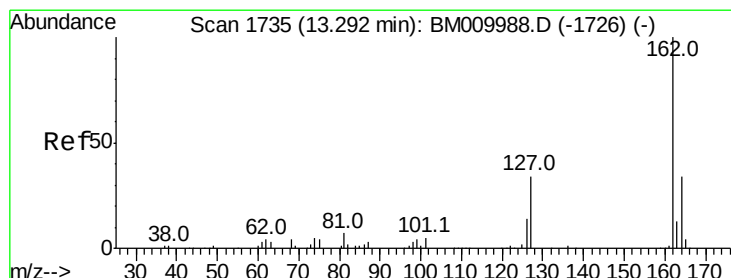
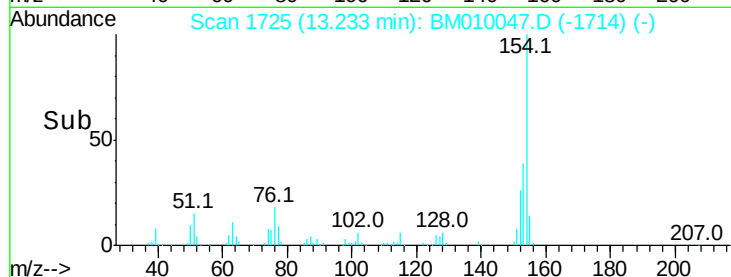
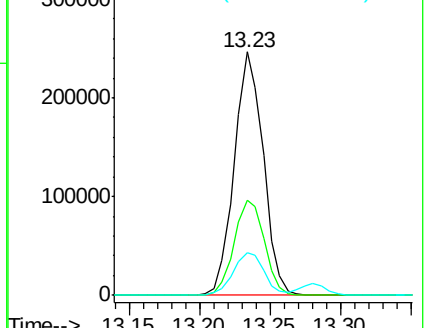
76 17.8 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 47.84 ng

RT: 13.28 min Scan# 1733

Delta R.T. -0.04 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

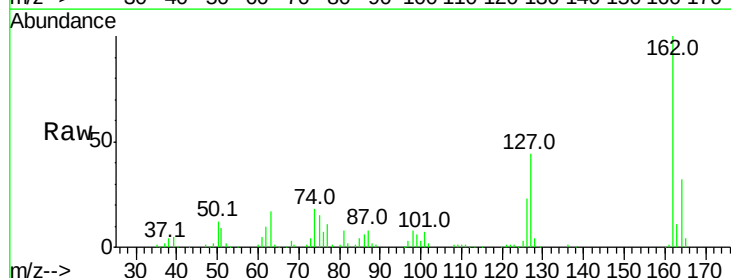
Tgt Ion:162 Resp: 279153

Ion Ratio Lower Upper

162 100

127 43.6 26.9 40.3#

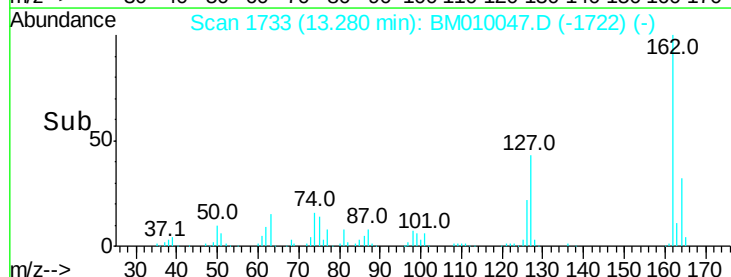
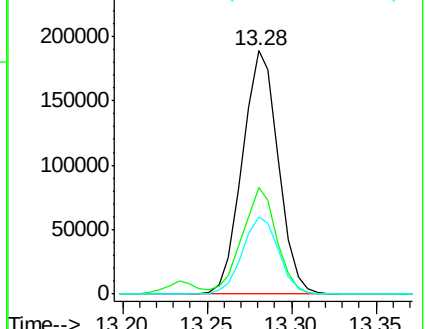
164 31.8 26.8 40.2

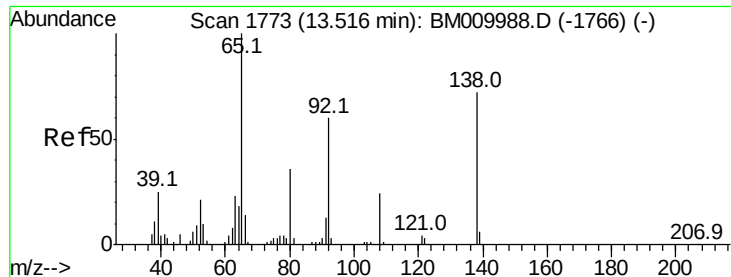


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

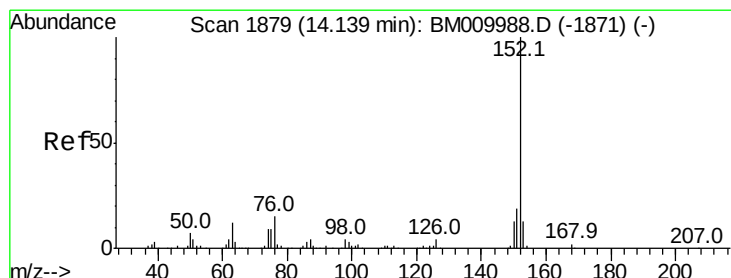
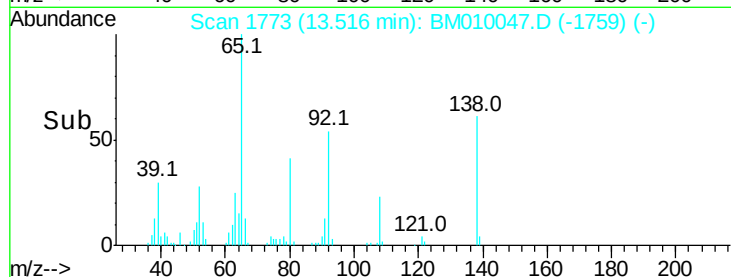
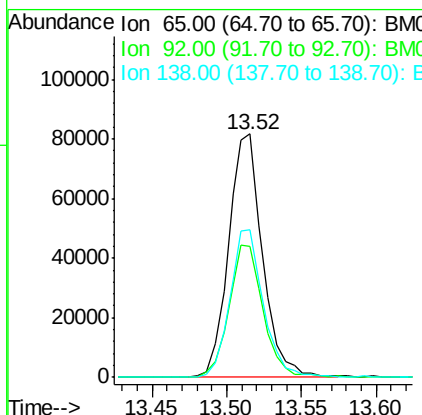
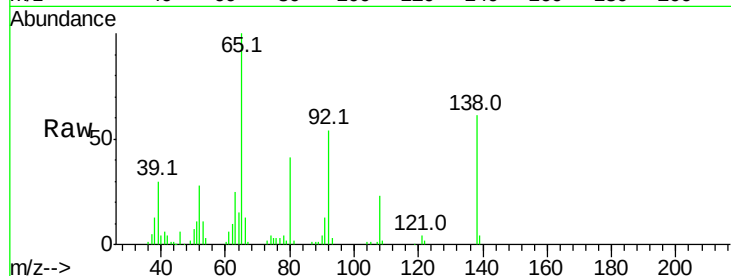




#47
2-Nitroaniline
Concen: 49.20 ng
RT: 13.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

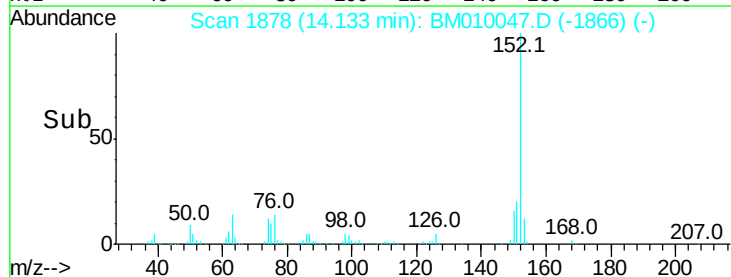
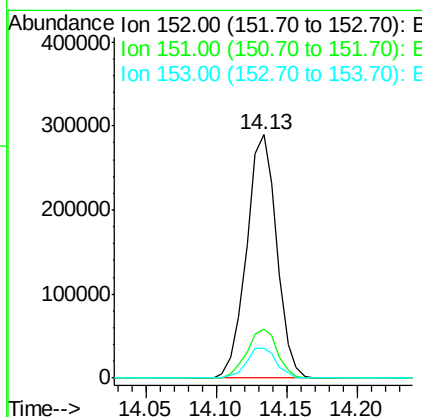
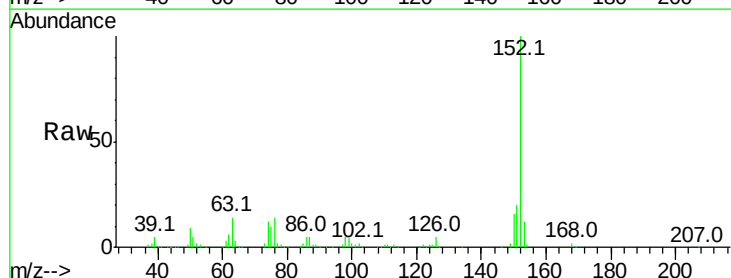
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

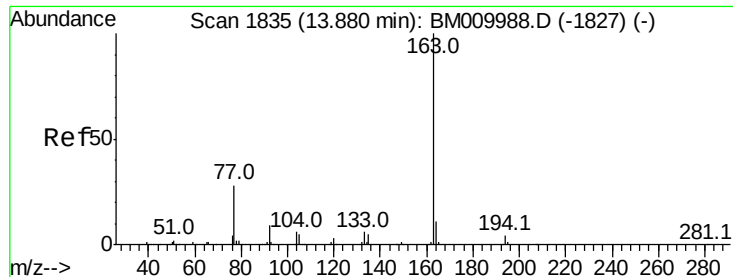
Tot Ion: 65 Resp: 129954
Ion Ratio Lower Upper
65 100
92 54.0 59.1 88.7#
138 60.8 93.9 140.9#



#48
Acenaphthylene
Concen: 47.23 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion: 152 Resp: 434012
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 12.2 10.6 16.0

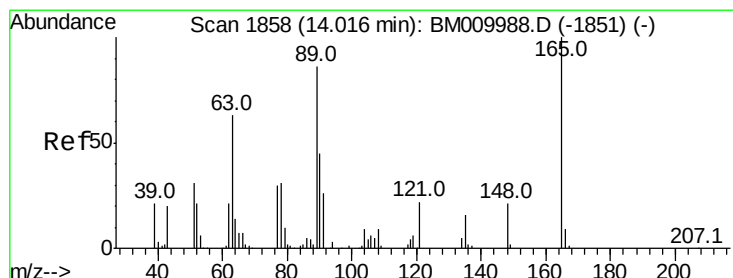
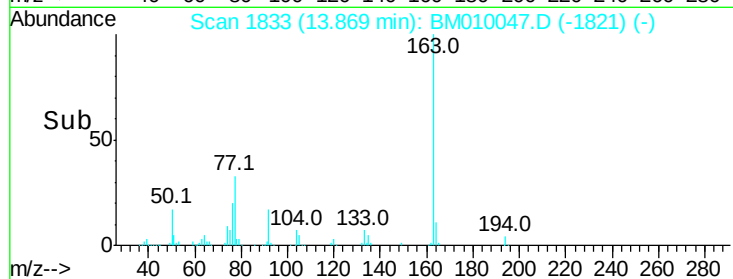
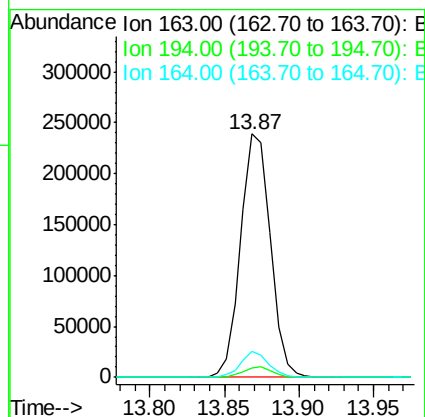
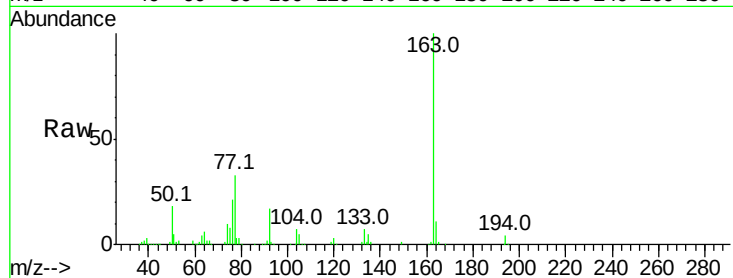




#49
Dimethylphthalate
Concen: 42.40 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

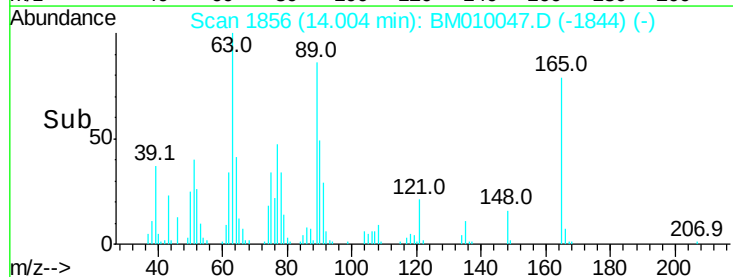
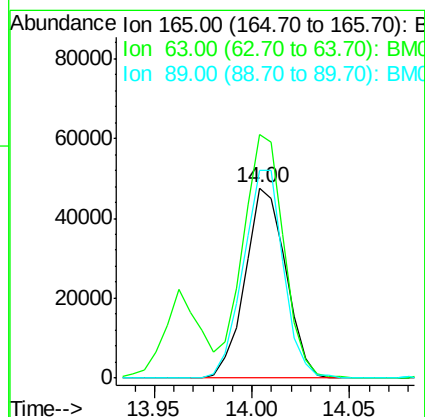
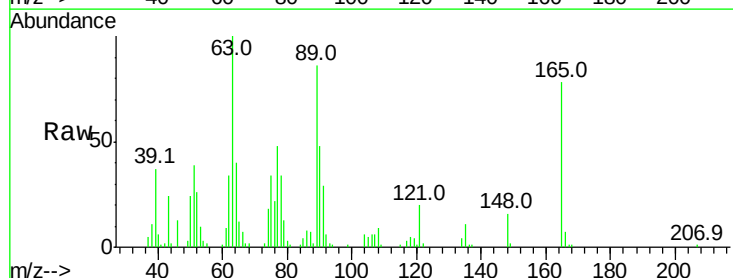
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

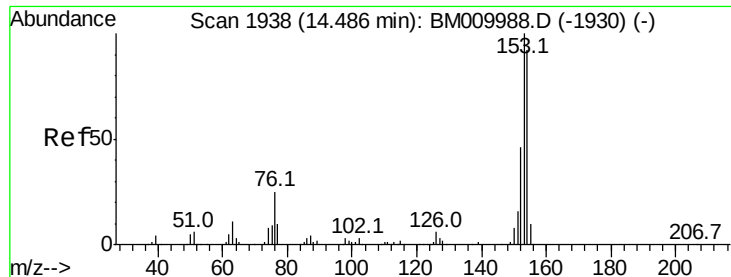
Tot Ion:163 Resp: 333467
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 42.92 ng
RT: 14.00 min Scan# 1856
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:165 Resp: 68402
Ion Ratio Lower Upper
165 100
63 128.0 44.1 66.1#
89 109.5 44.3 66.5#





#51

Acenaphthene

Concen: 45.08 ng

RT: 14.47 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

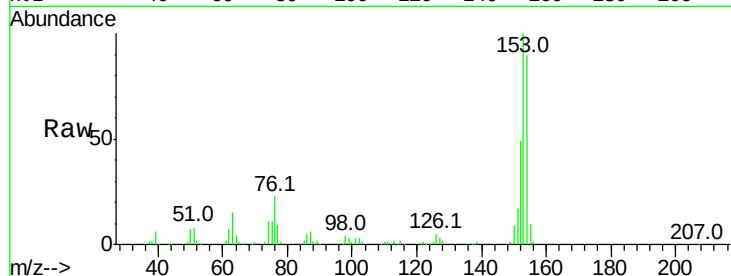
Tot Ion:154 Resp: 261023

Ion Ratio Lower Upper

154 100

153 110.7 90.0 135.0

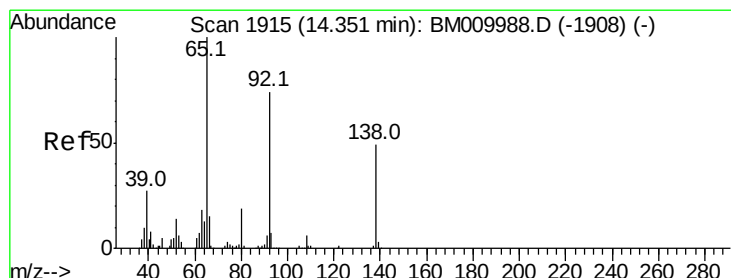
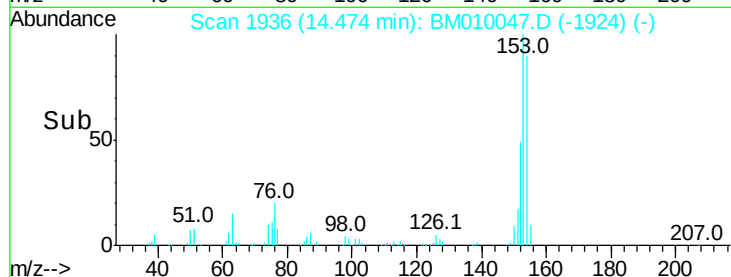
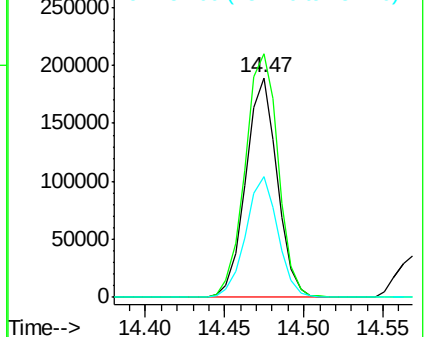
152 54.7 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.11 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

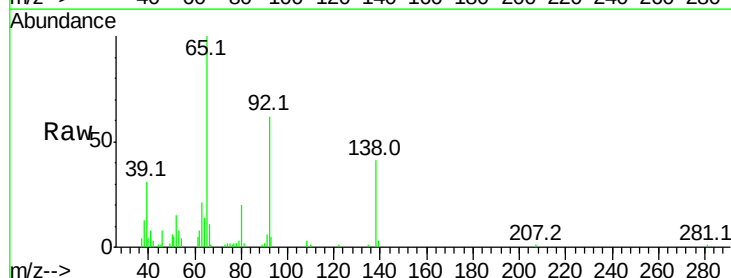
Tgt Ion:138 Resp: 30655

Ion Ratio Lower Upper

138 100

108 7.8 7.3 10.9

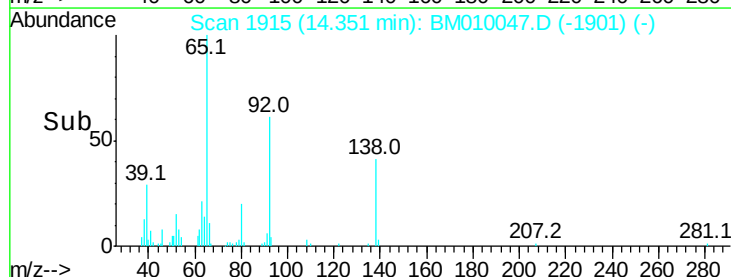
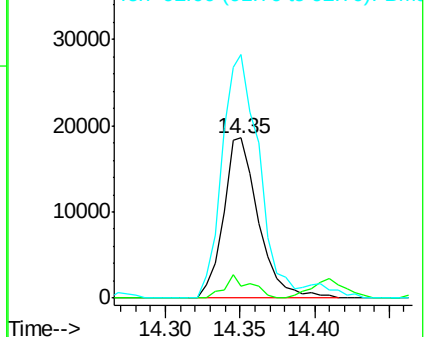
92 152.4 76.6 114.8#

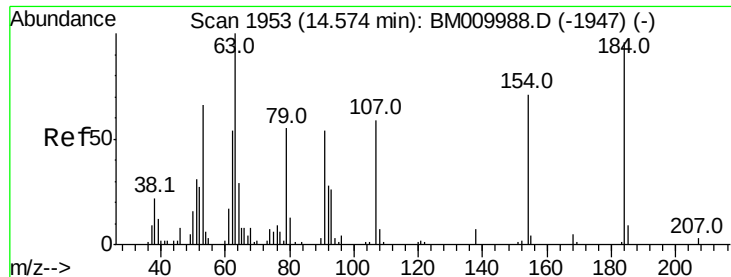


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

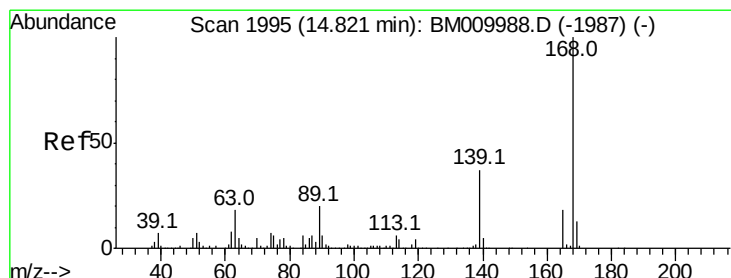
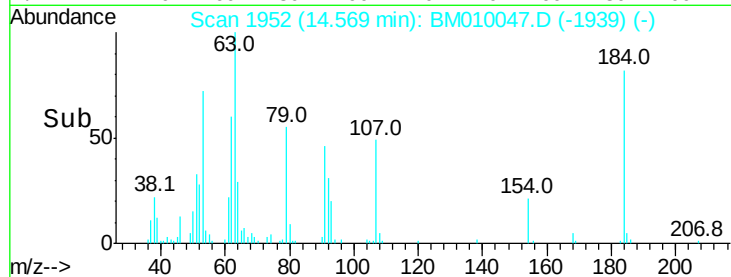
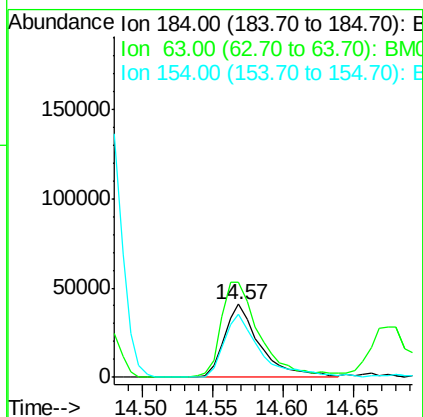
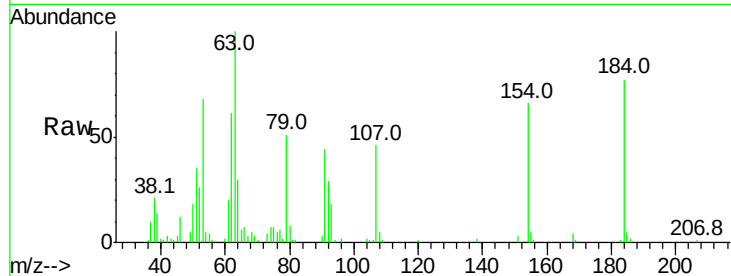




#53
2,4-Dinitrophenol
Concen: 75.96 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

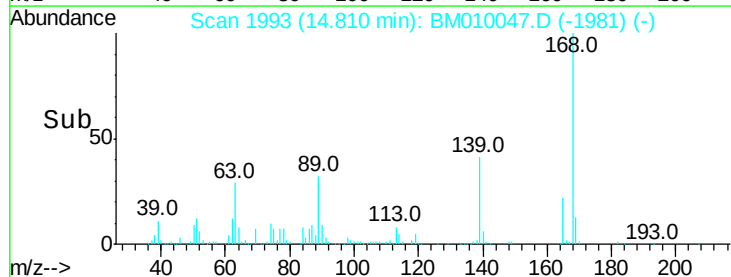
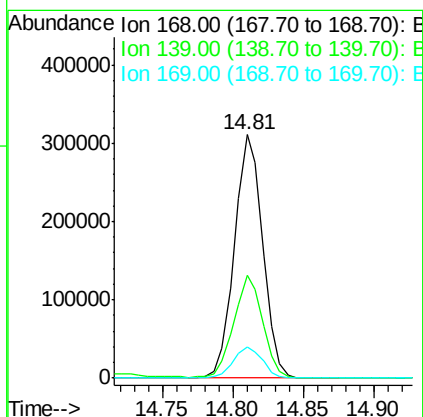
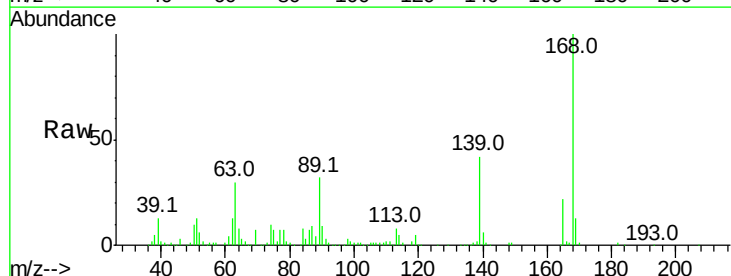
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

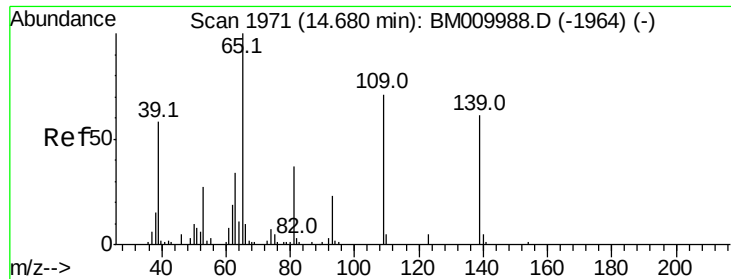
Tot Ion:184 Resp: 71556
Ion Ratio Lower Upper
184 100
63 129.8 69.2 103.8#
154 86.1 53.3 79.9#



#54
Dibenzofuran
Concen: 48.55 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:168 Resp: 430633
Ion Ratio Lower Upper
168 100
139 42.2 27.3 40.9#
169 12.6 10.6 16.0





#55

4-Nitrophenol

Concen: 76.58 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

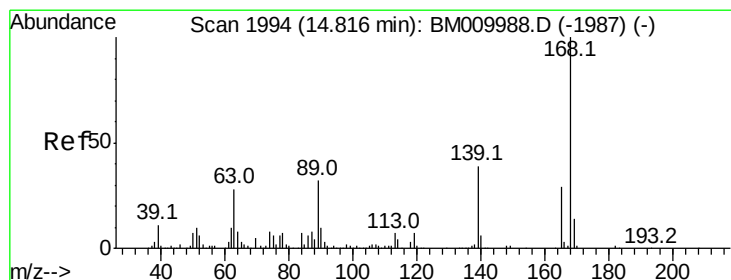
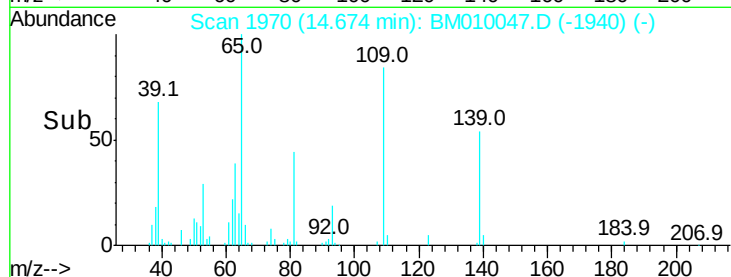
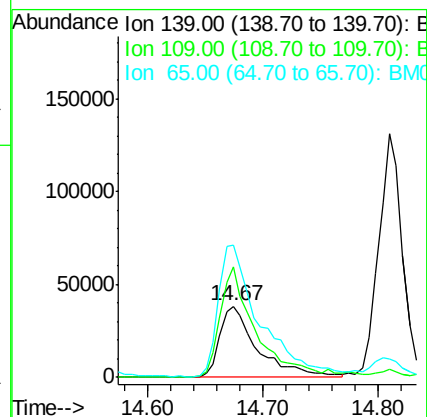
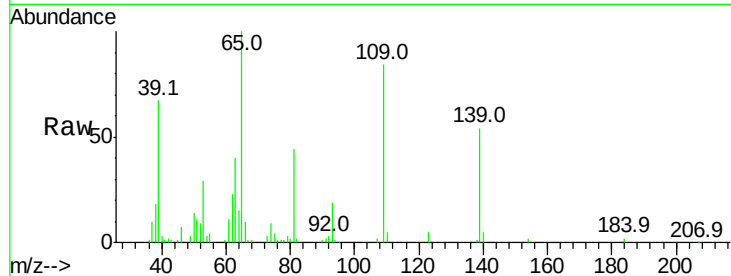
Tot Ion:139 Resp: 86801

Ion Ratio Lower Upper

139 100

109 155.6 37.7 77.7#

65 185.3 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 43.82 ng

RT: 14.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Tgt Ion:165 Resp: 103308

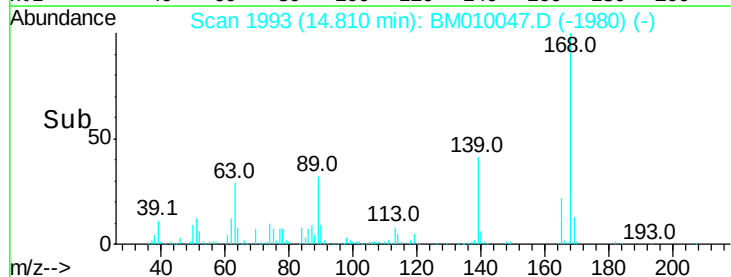
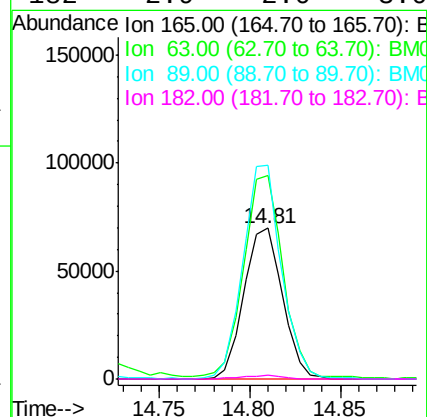
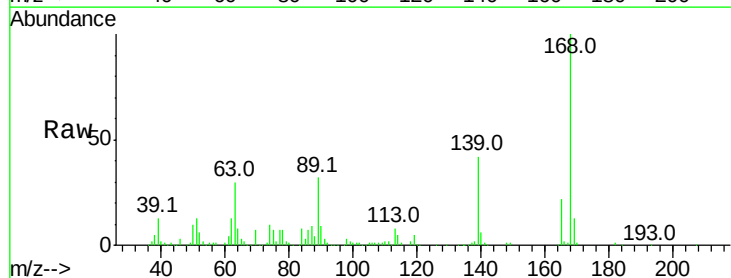
Ion Ratio Lower Upper

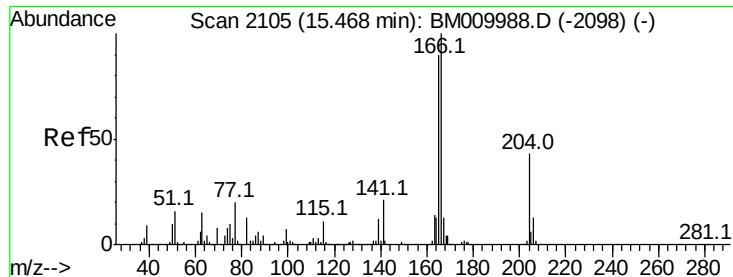
165 100

63 134.9 52.4 78.6#

89 141.7 72.4 108.6#

182 2.9 2.0 3.0





#57

Fluorene

Concen: 44.11 ng

RT: 15.46 min Scan# 2104

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

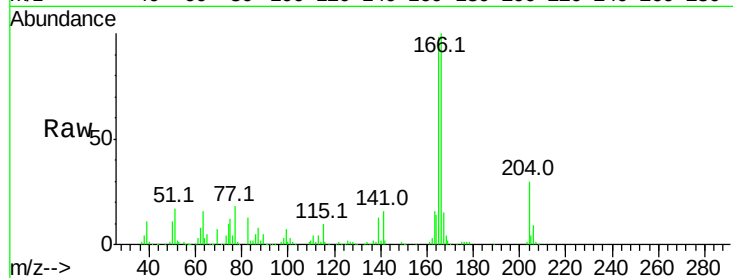
Tot Ion:166 Resp: 345012

Ion Ratio Lower Upper

166 100

165 97.6 79.0 118.4

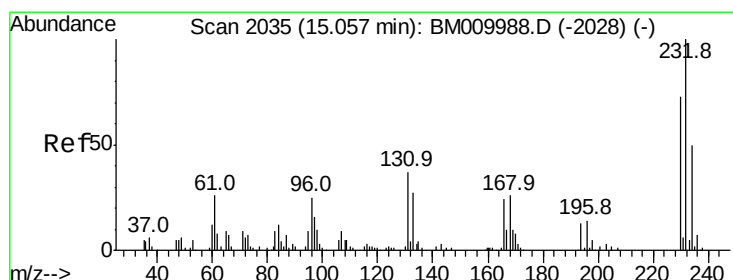
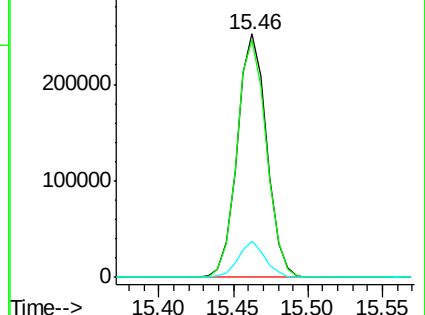
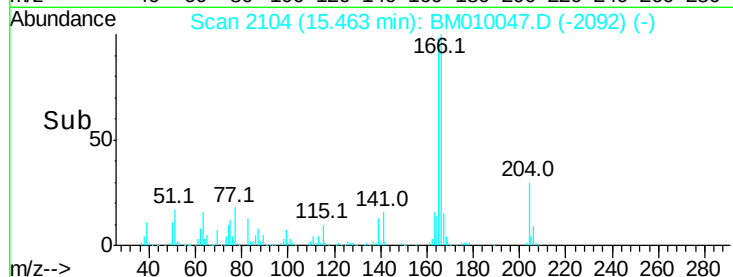
167 14.7 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.34 ng

RT: 15.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Tgt Ion:232 Resp: 83197

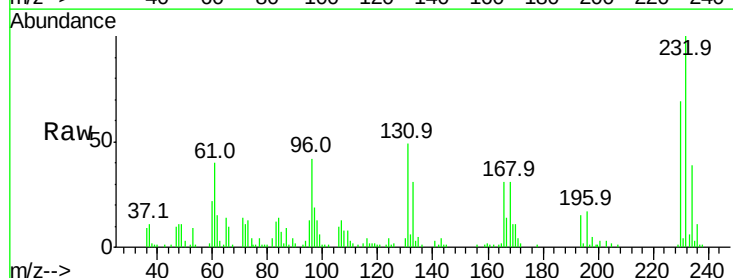
Ion Ratio Lower Upper

232 100

131 52.3 0.0 0.0#

130 3.4 0.0 0.0#

166 34.9 0.0 0.0#

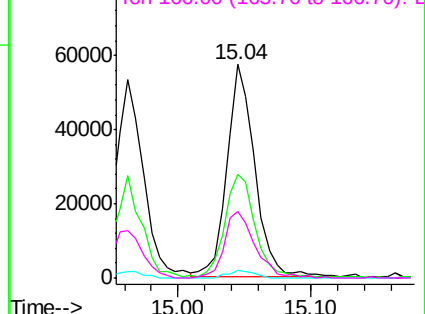
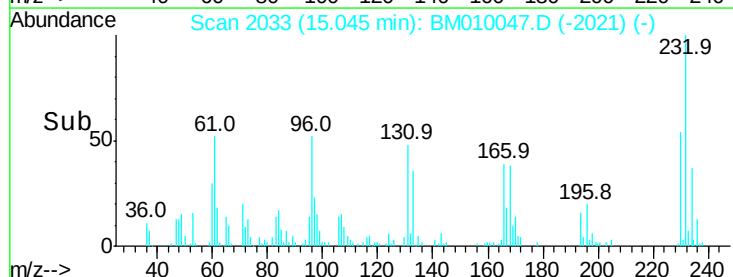


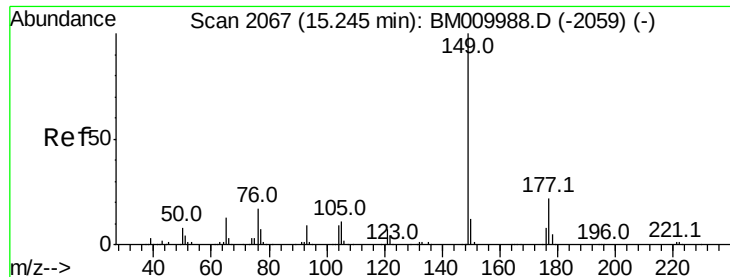
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

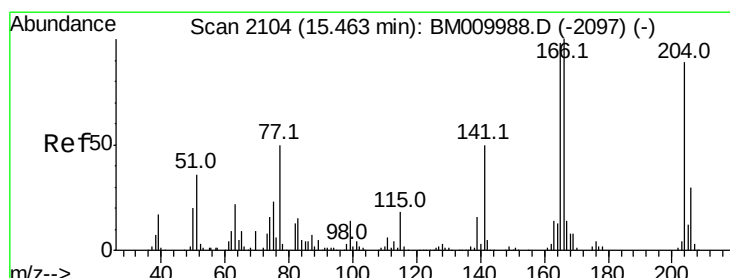
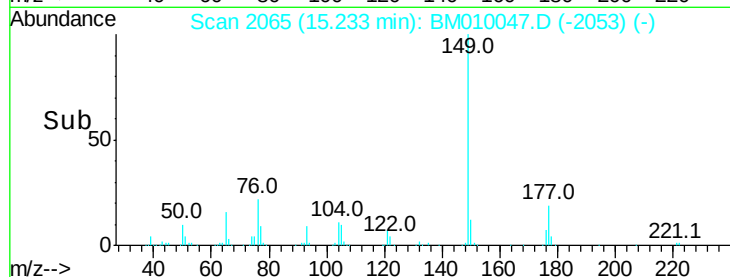
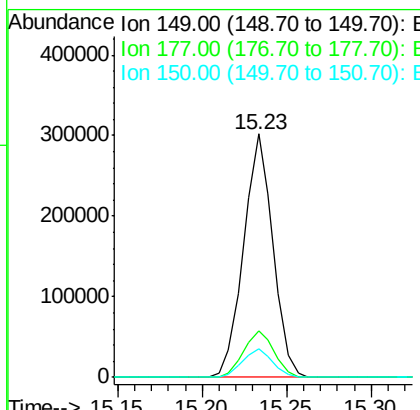
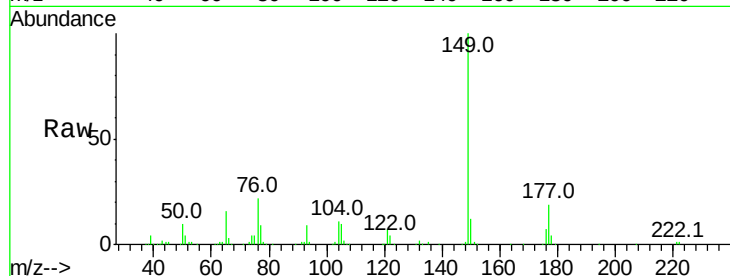




#59
Diethylphthalate
Concen: 44.20 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

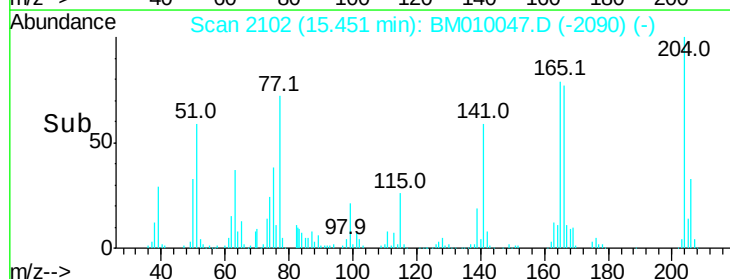
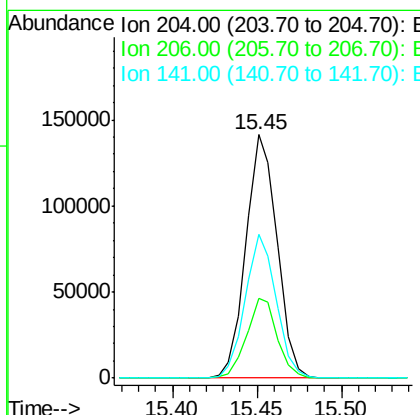
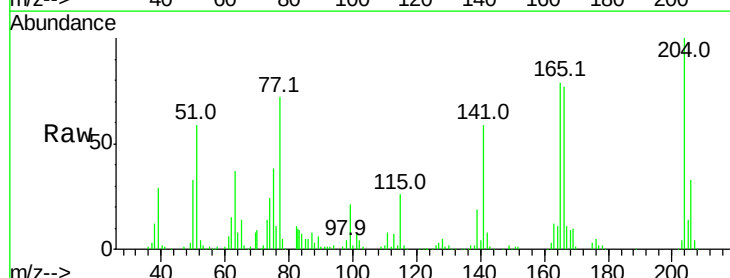
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

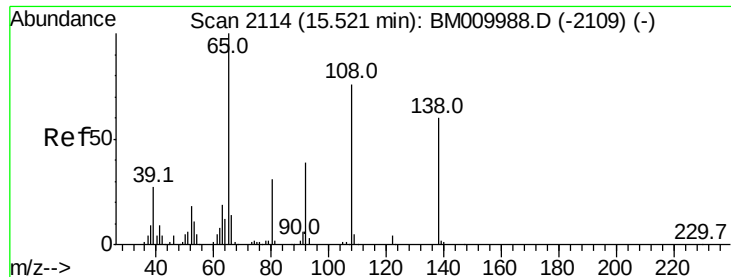
Tot Ion:149 Resp: 364964
Ion Ratio Lower Upper
149 100
177 19.3 18.3 27.5
150 12.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 42.49 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:204 Resp: 181491
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 59.3 45.2 67.8





#61

4-Nitroaniline

Concen: 37.20 ng

RT: 15.52 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

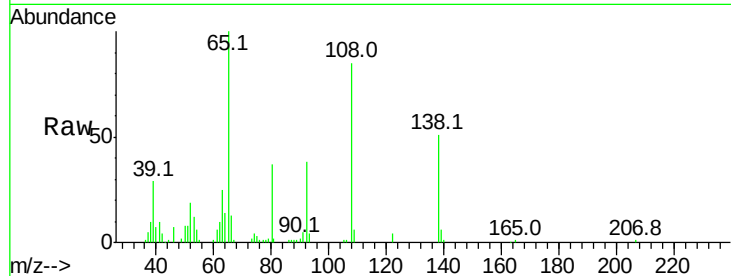
Tot Ion:138 Resp: 64144

Ion Ratio Lower Upper

138 100

92 75.3 16.7 56.7#

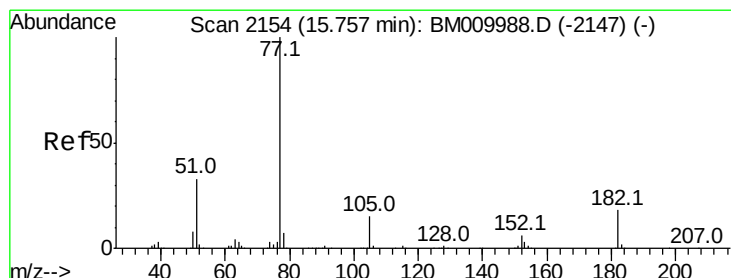
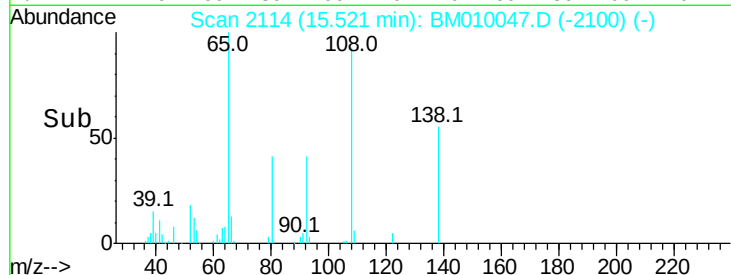
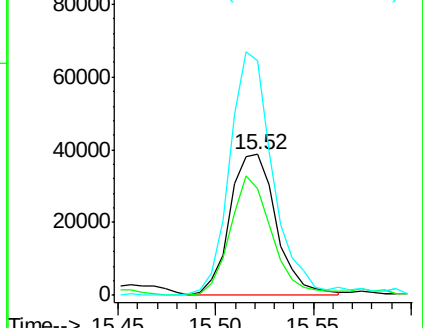
108 166.2 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 57.41 ng

RT: 15.75 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Tgt Ion: 77 Resp: 575221

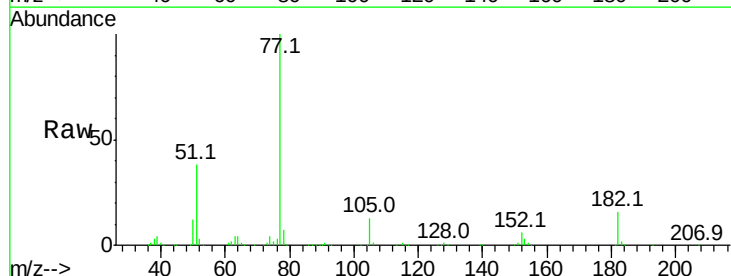
Ion Ratio Lower Upper

77 100

182 15.7 6.5 46.5

105 13.5 3.8 43.8

51 38.4 5.5 45.5

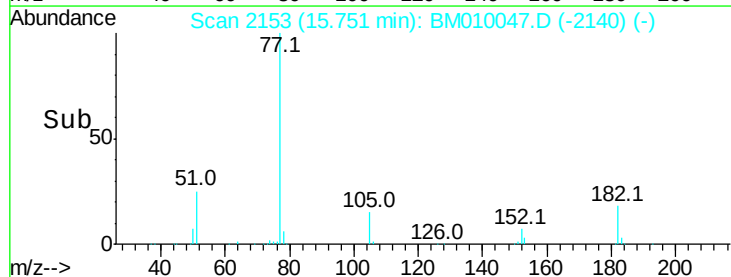
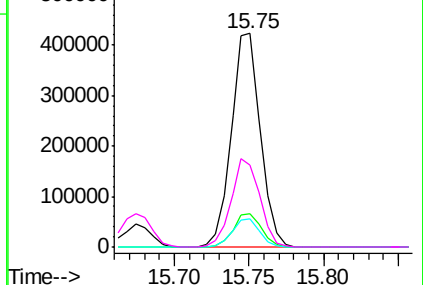


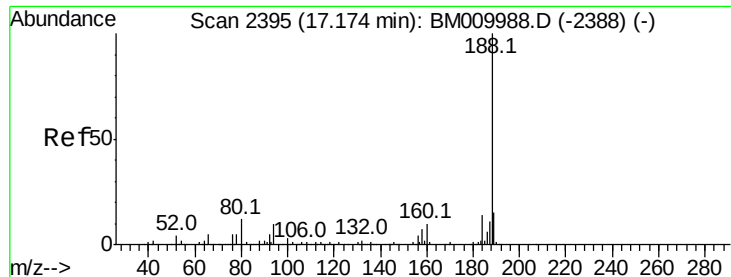
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

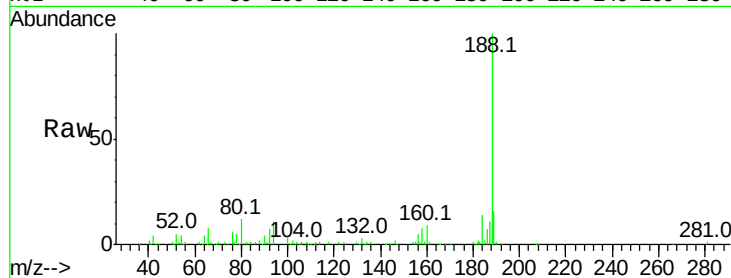




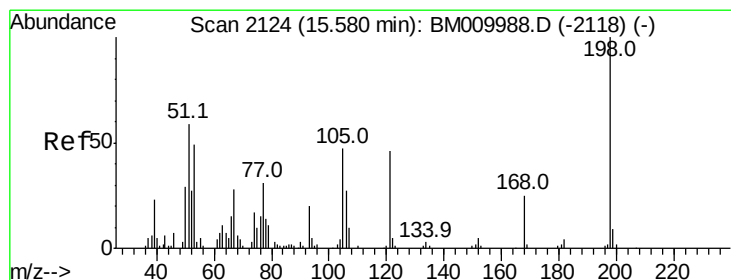
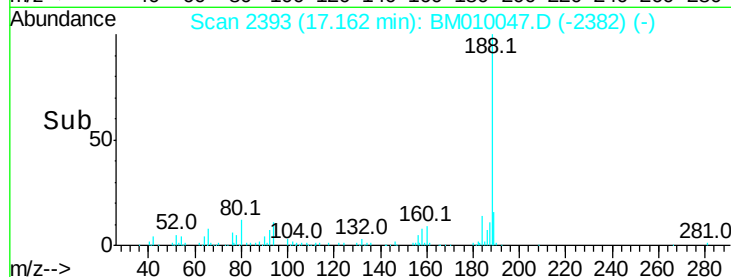
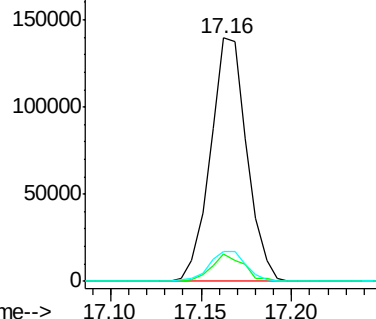
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2393
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

Tot Ion:188 Resp: 194181
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 12.3 9.3 13.9

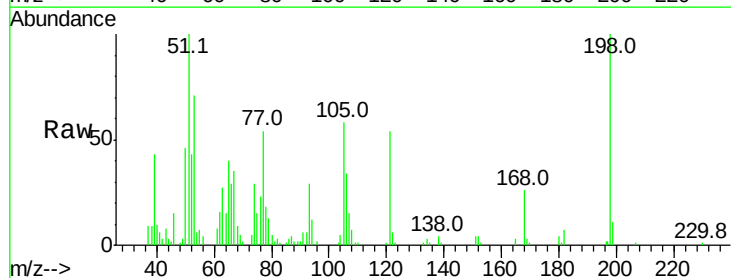


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

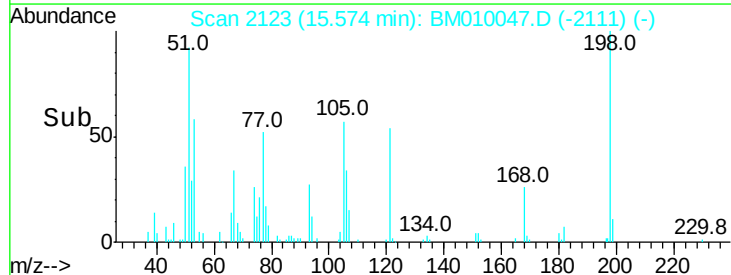
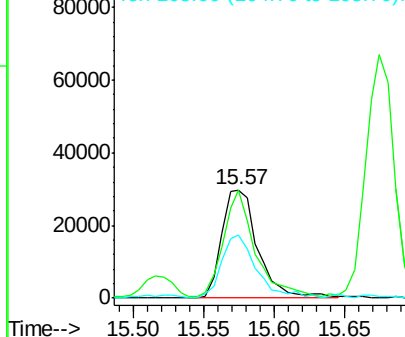


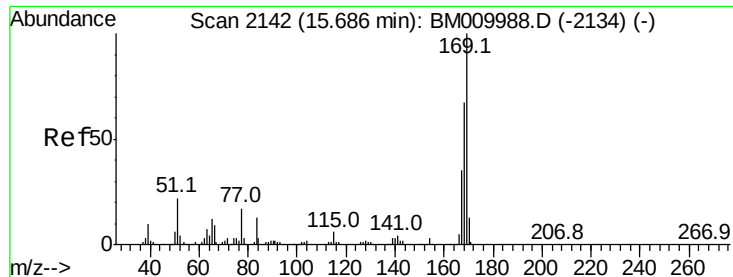
#64
4,6-Dinitro-2-methylphenol
Concen: 42.51 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:198 Resp: 53156
Ion Ratio Lower Upper
198 100
51 99.8 28.8 68.8#
105 58.3 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

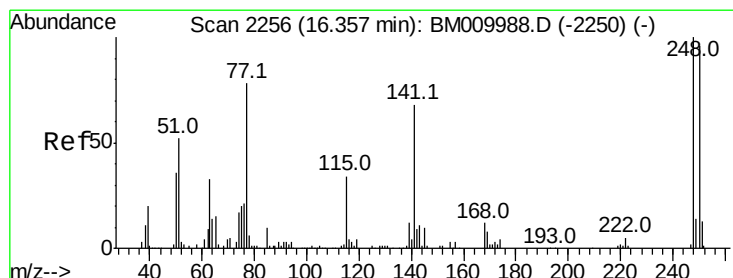
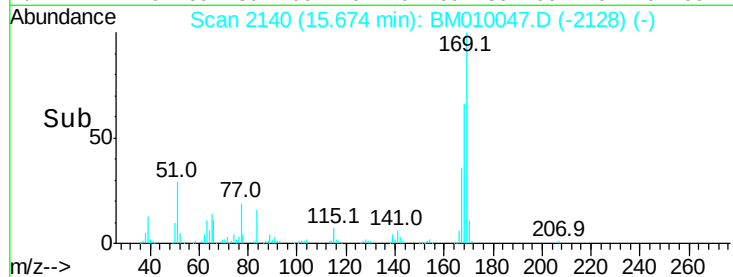
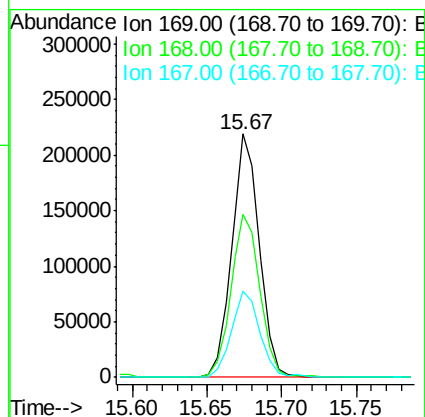
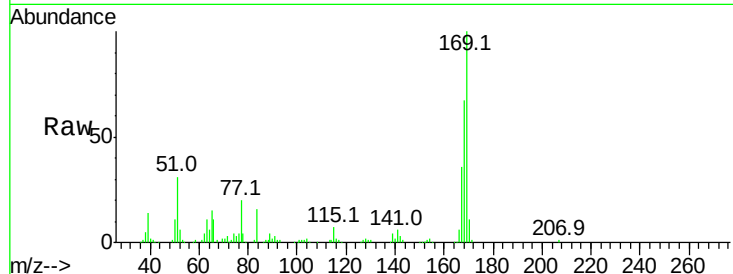




#65
n-Nitrosodiphenylamine
Concen: 46.88 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

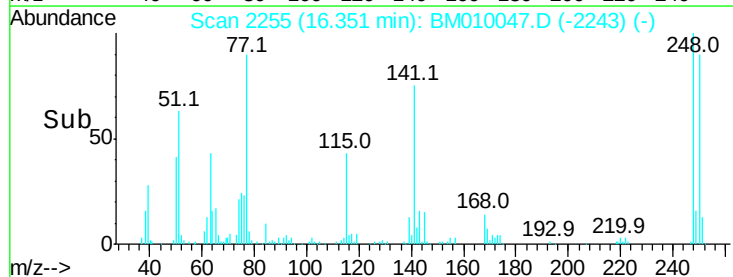
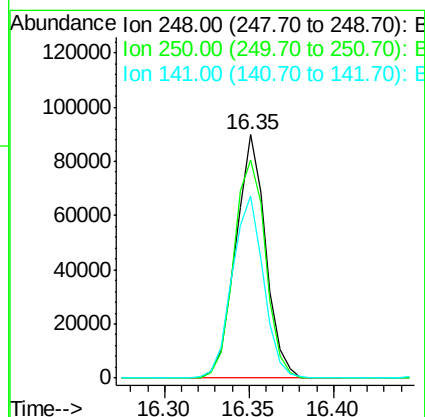
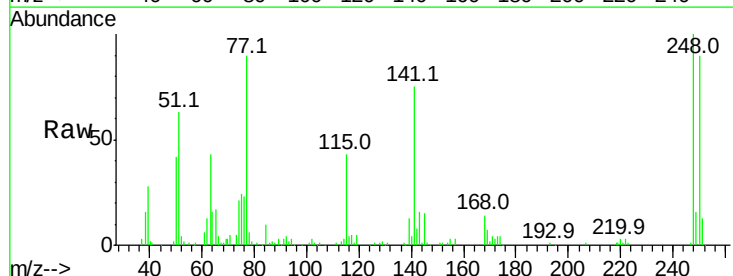
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

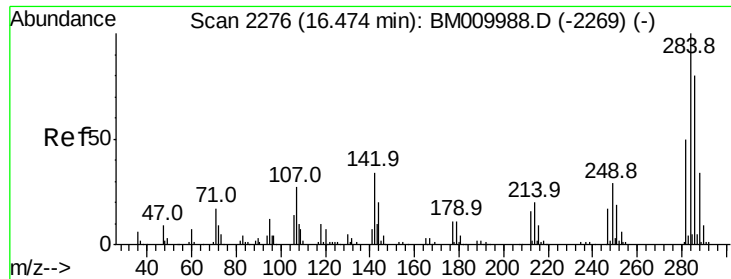
Tot Ion:169 Resp: 282470
Ion Ratio Lower Upper
169 100
168 66.7 53.9 80.9
167 35.5 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 47.96 ng
RT: 16.35 min Scan# 2255
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:248 Resp: 110620
Ion Ratio Lower Upper
248 100
250 89.6 77.4 116.0
141 74.8 45.2 67.8#

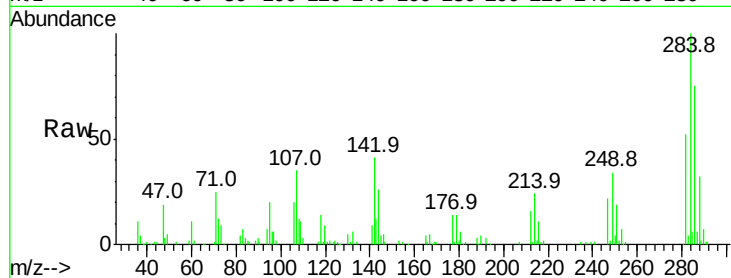




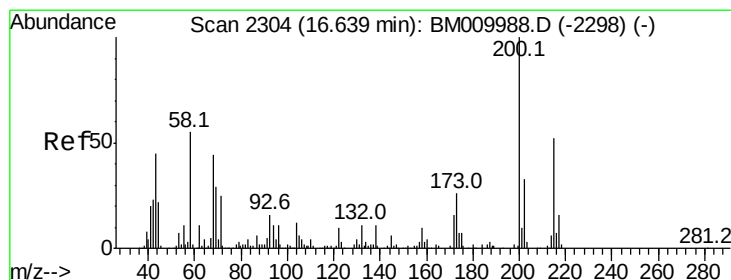
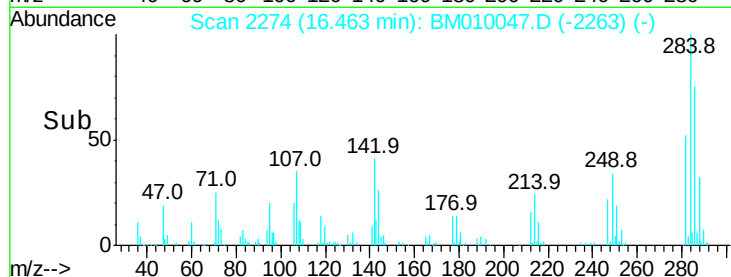
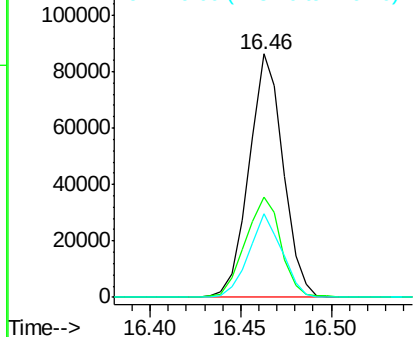
#67
Hexachlorobenzene
Concen: 43.96 ng
RT: 16.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.2	20.4	30.6
249	34.2	23.8	35.6

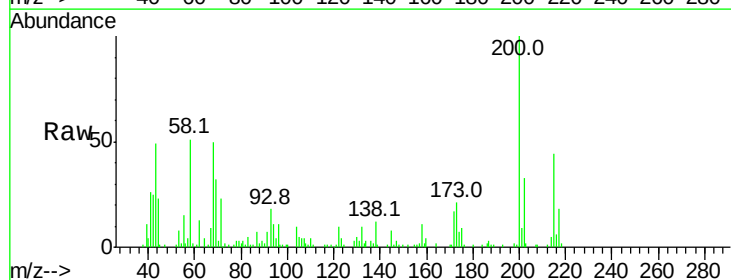


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

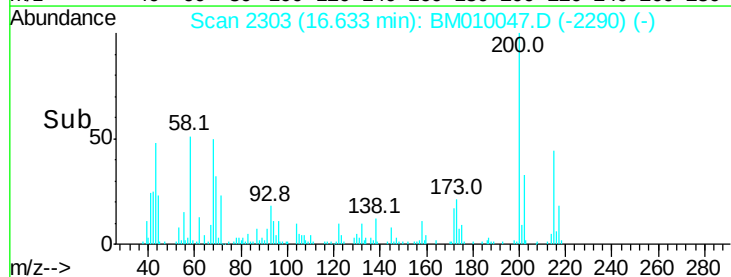
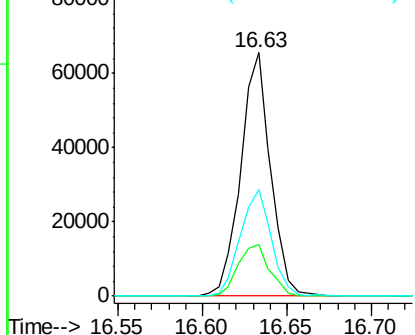


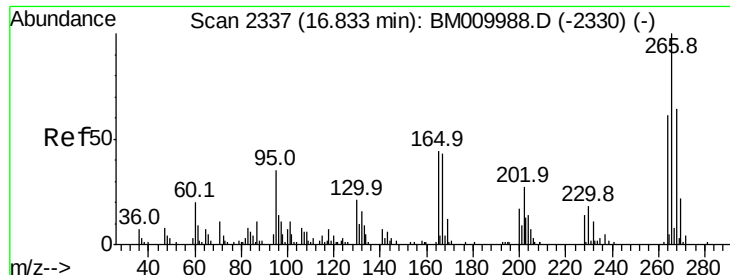
#68
Atrazine
Concen: 36.67 ng
RT: 16.63 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.4	4.8	44.8
215	43.9	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.88 ng

RT: 16.82 min Scan# 2335

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

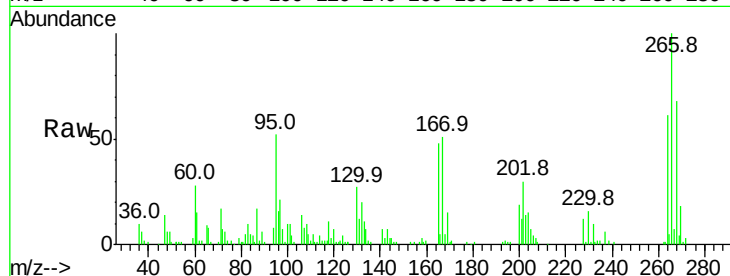
Tot Ion:266 Resp: 106744

Ion Ratio Lower Upper

266 100

268 67.7 52.0 78.0

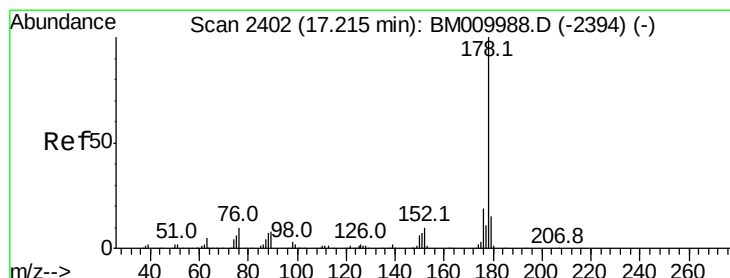
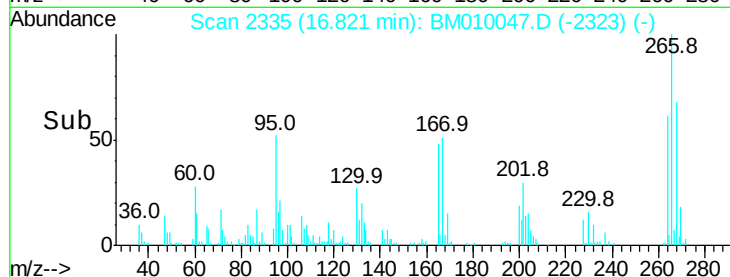
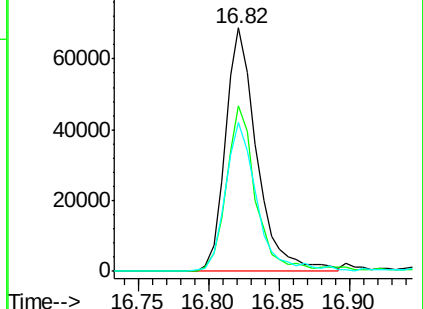
264 61.1 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 46.58 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

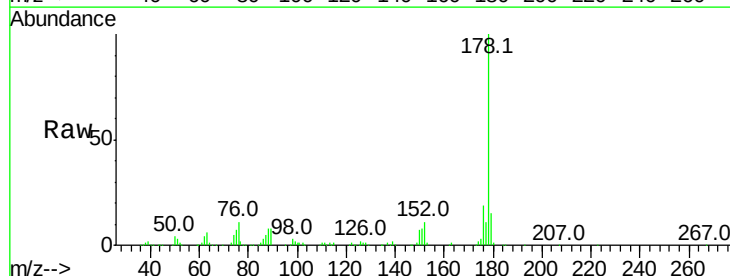
Tgt Ion:178 Resp: 519167

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

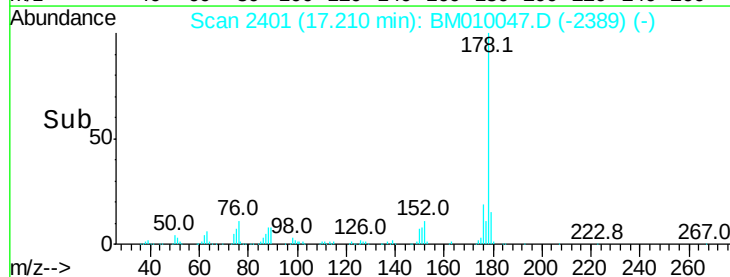
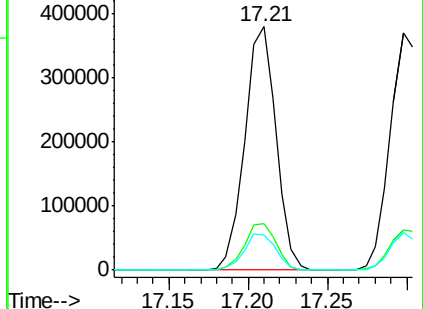
179 14.5 12.1 18.1

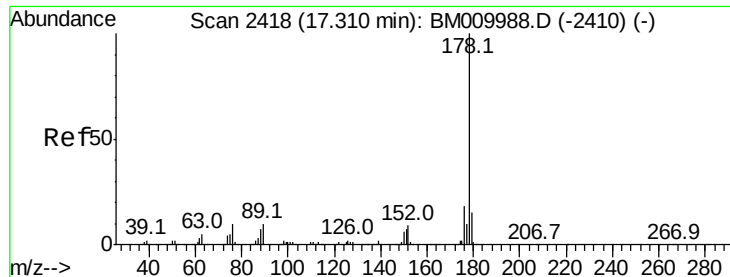


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

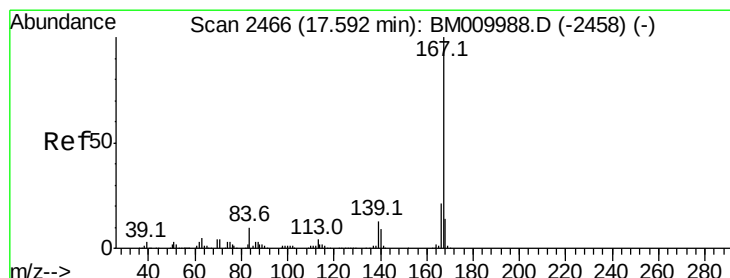
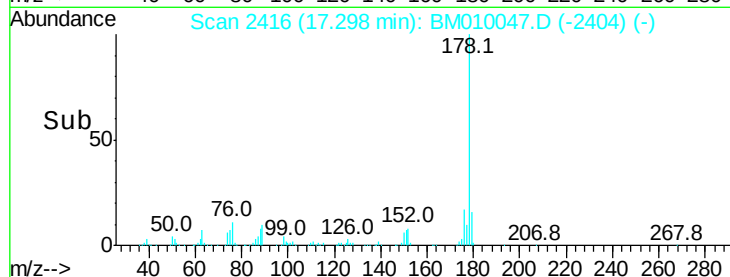
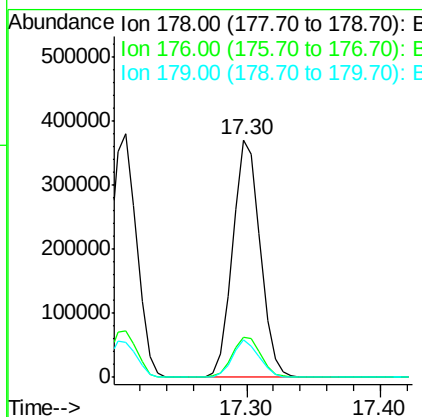
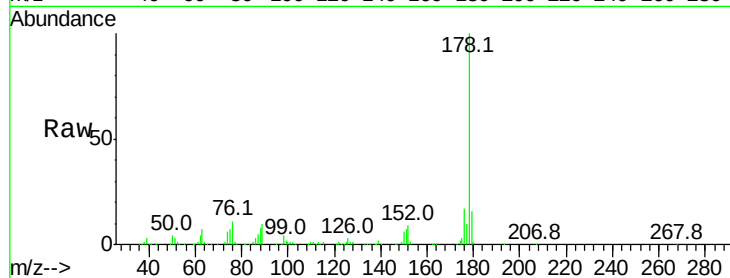




#71
 Anthracene
 Concen: 46.91 ng
 RT: 17.30 min Scan# 2416
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

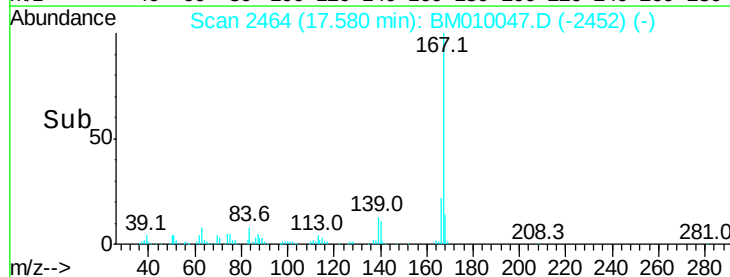
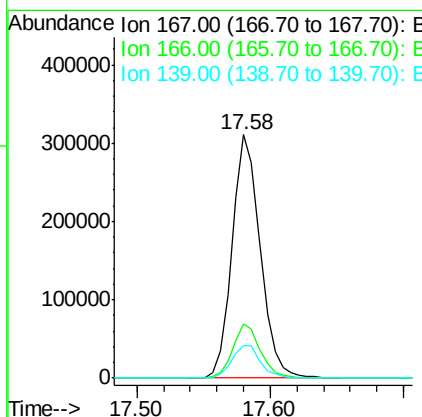
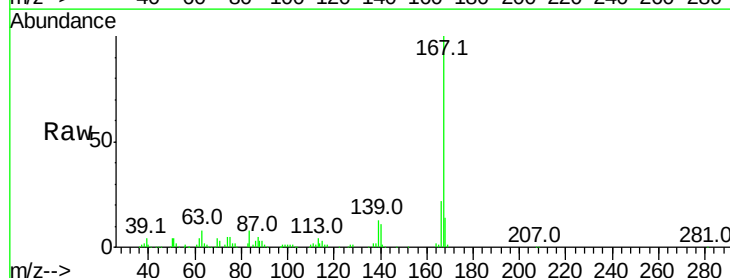
Instrument :
 BNA_M
 ClientSampleId :
 RO-1540-COMPMSD

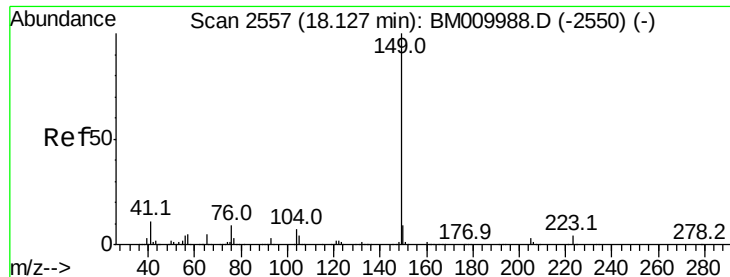
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.6	22.0
179	16.0	12.6	19.0



#72
 Carbazole
 Concen: 45.01 ng
 RT: 17.58 min Scan# 2464
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	13.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 47.32 ng

RT: 18.12 min Scan# 2556

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

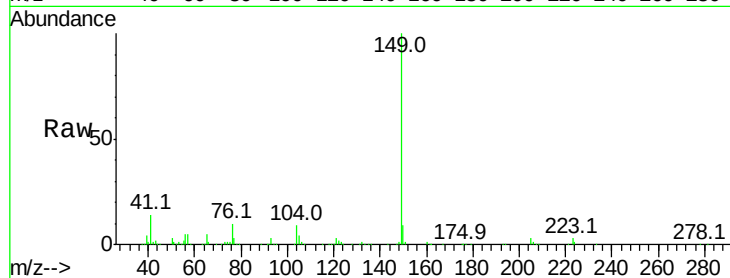
Tot Ion:149 Resp: 610632

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

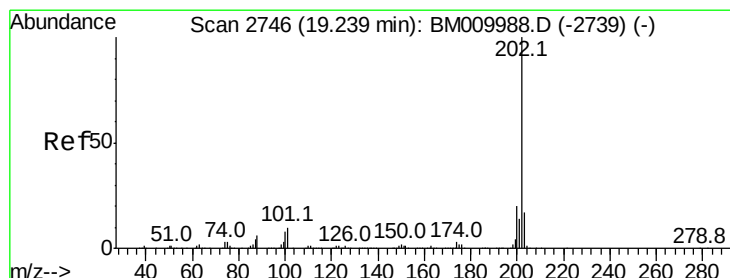
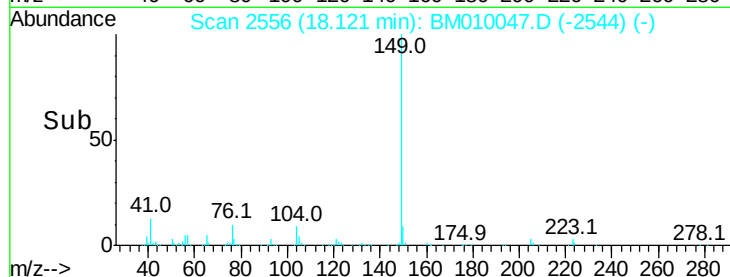
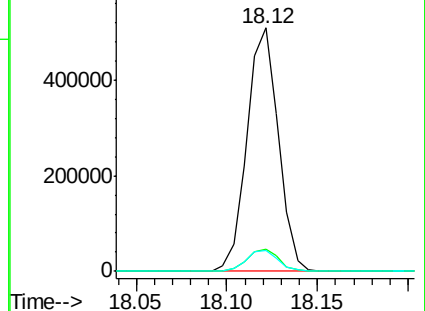
104 8.6 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.63 ng

RT: 19.23 min Scan# 2744

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

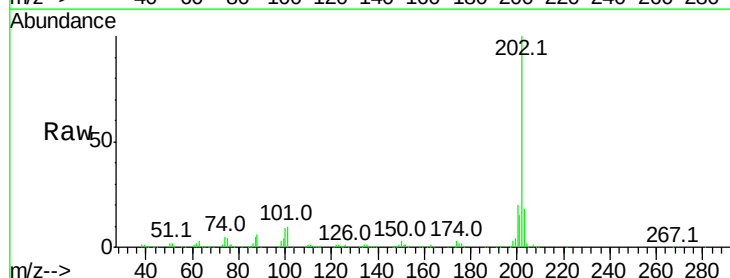
Tgt Ion:202 Resp: 623922

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.7

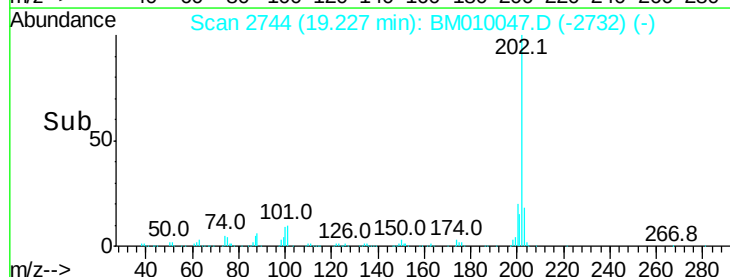
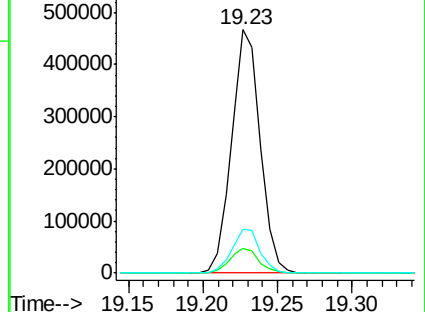
203 18.1 0.0 37.2

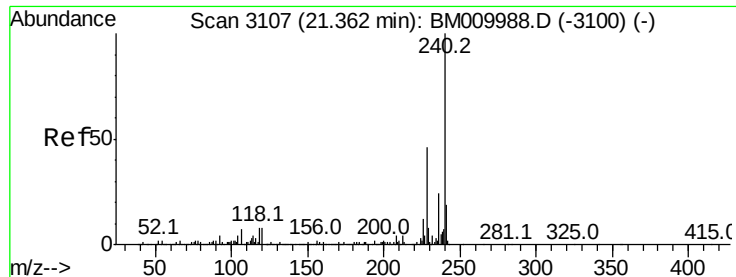


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSSD

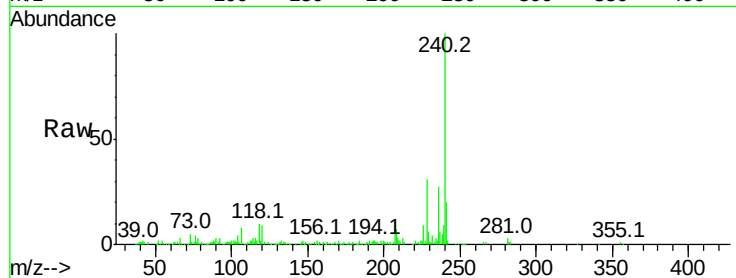
Tot Ion:240 Resp: 248476

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

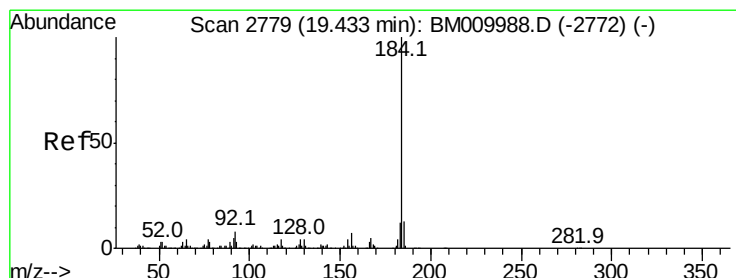
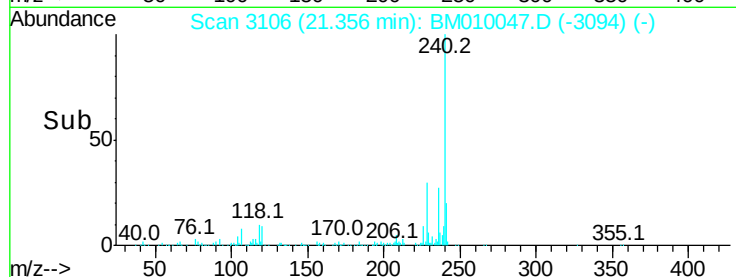
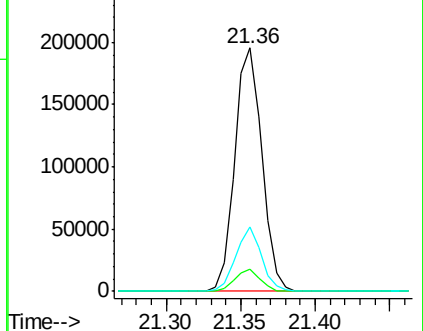
236 26.7 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.54 ng

RT: 19.44 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

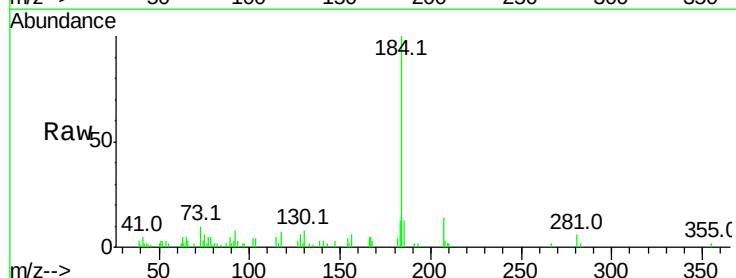
Tgt Ion:184 Resp: 46852

Ion Ratio Lower Upper

184 100

185 13.4 11.3 16.9

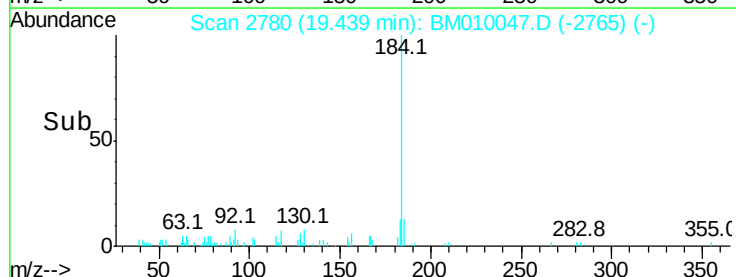
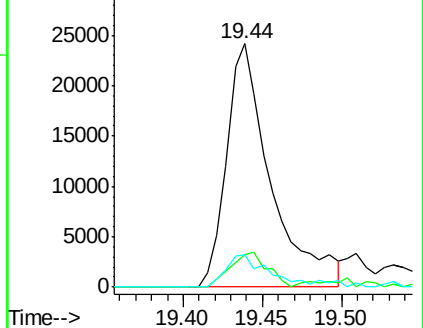
183 13.1 8.9 13.3

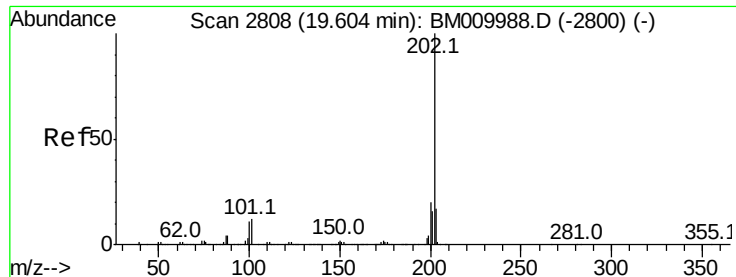


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

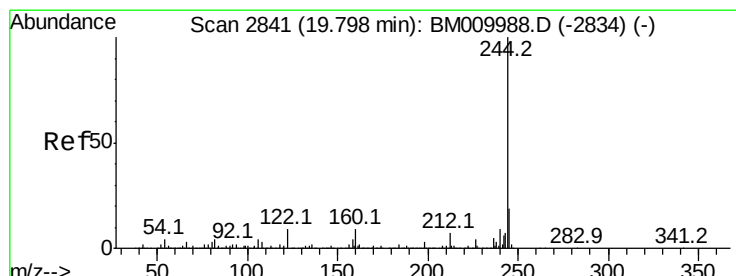
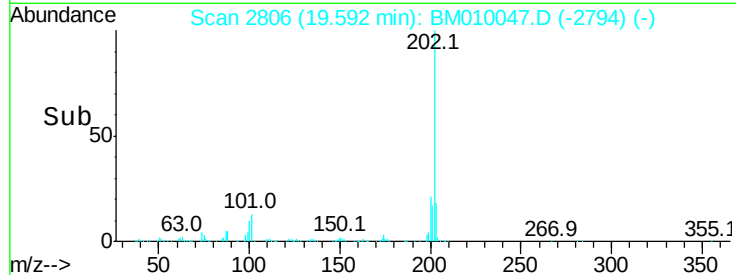
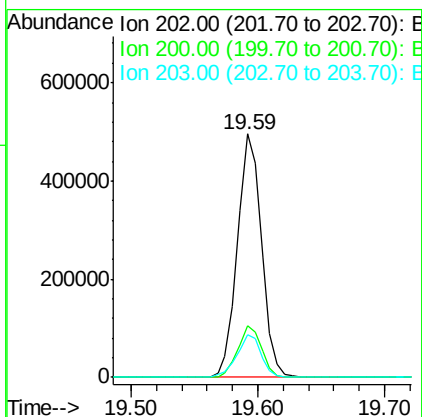
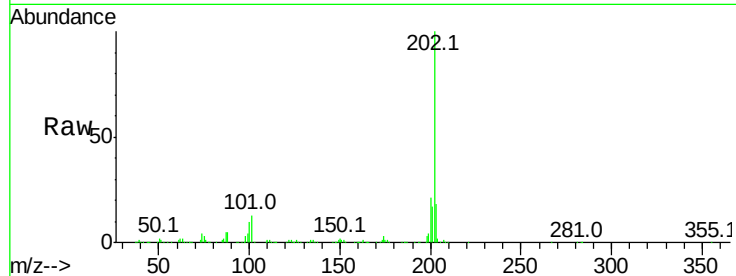




#77
Pvrene
Concen: 43.90 ng
RT: 19.59 min Scan# 2806
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

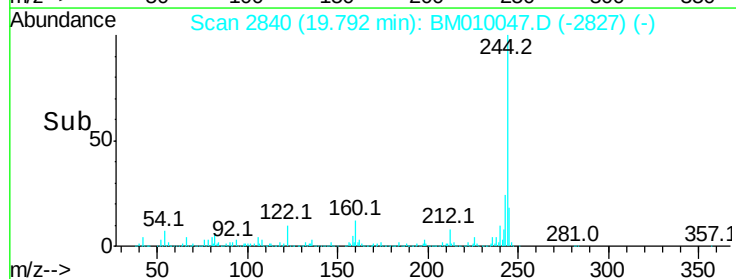
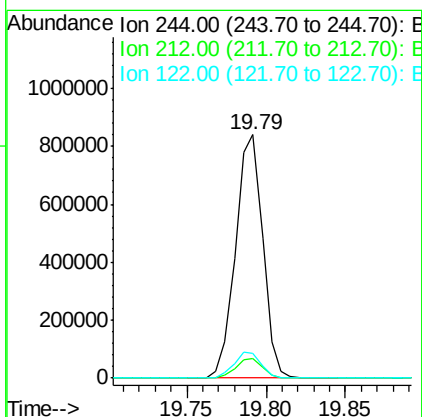
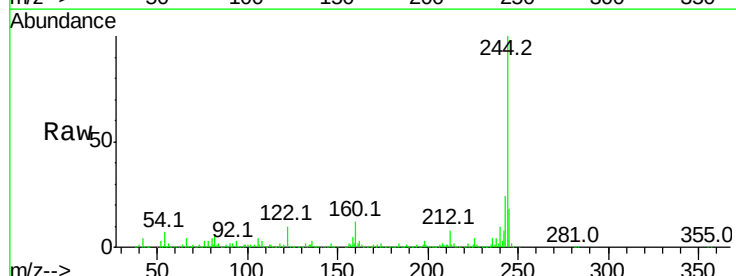
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

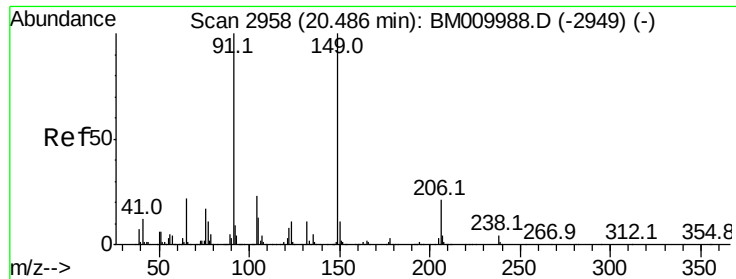
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.6	14.1	21.1



#78
Terphenyl-d14
Concen: 84.54 ng
RT: 19.79 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	9.9	6.2	9.4#

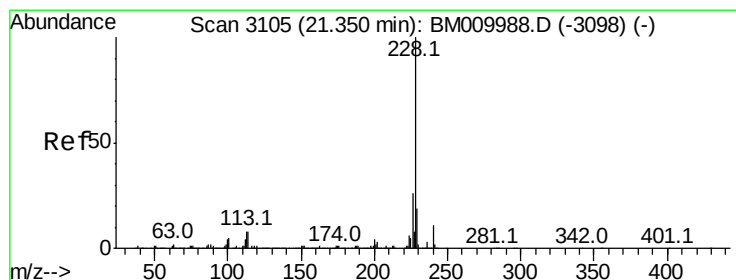
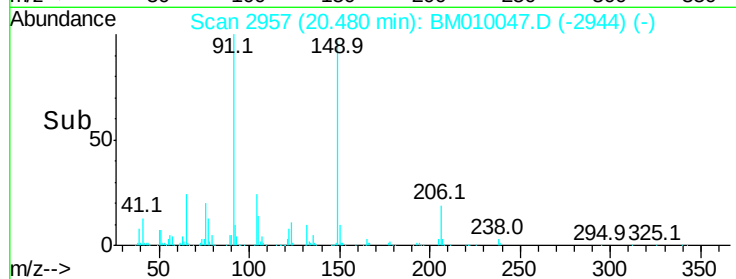
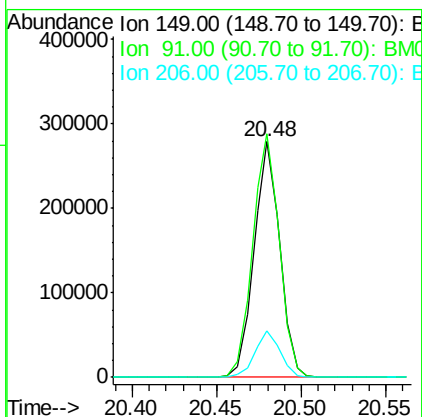
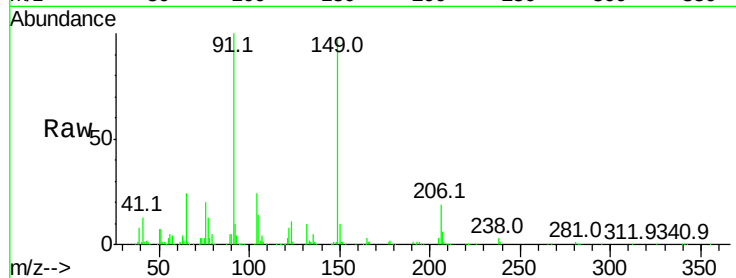




#79
Butylbenzylphthalate
Concen: 48.08 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.02 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

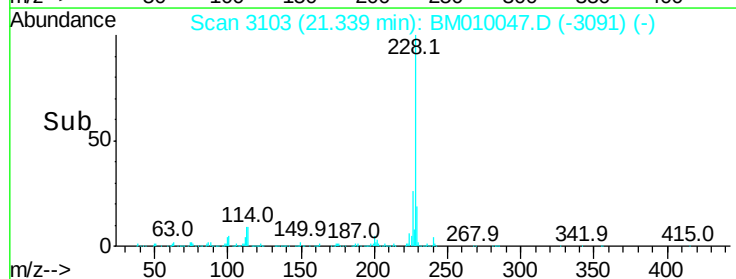
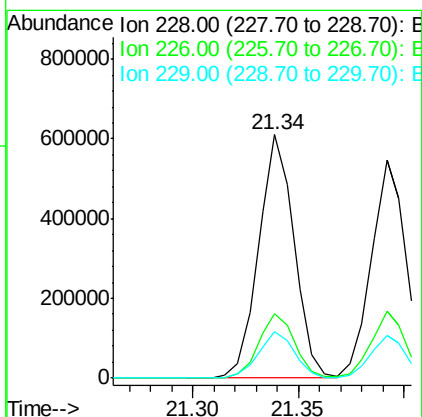
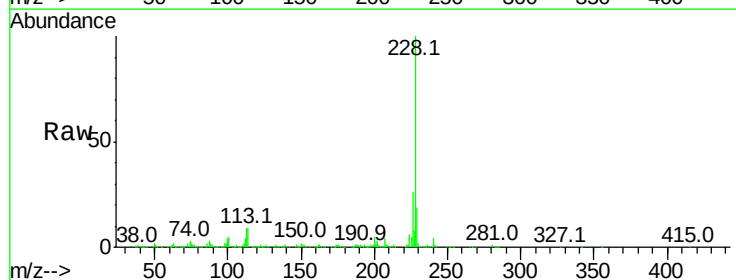
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

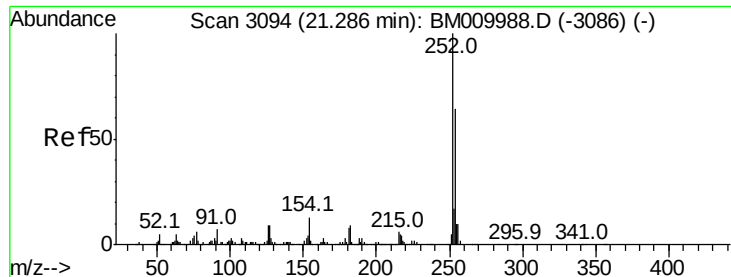
Tot Ion	Ratio	Lower	Upper
149	100		
91	103.4	50.1	75.1#
206	19.6	16.2	24.2



#80
Benzo(a)anthracene
Concen: 47.86 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.03 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	19.2	16.0	24.0

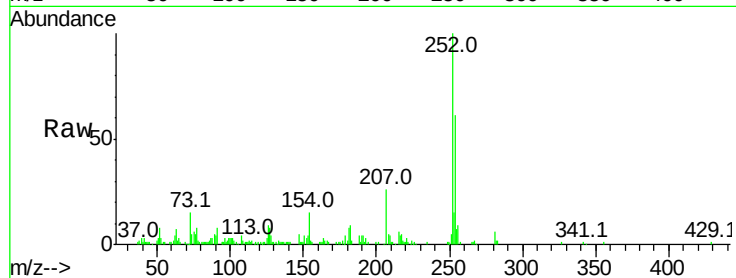




#81
 3,3'-Dichlorobenzidine
 Concen: 20.33 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Instrument :
 BNA_M
 ClientSampleId :
 RO-1540-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.9	51.9	77.9
126	8.9	9.8	14.8#

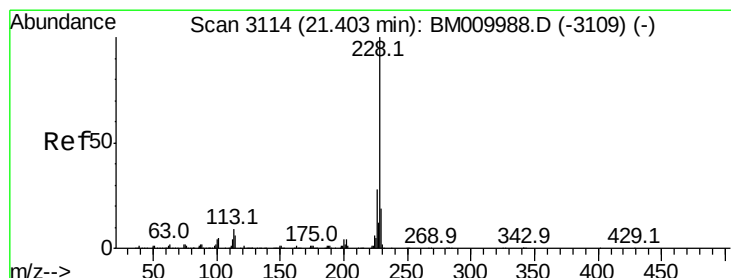
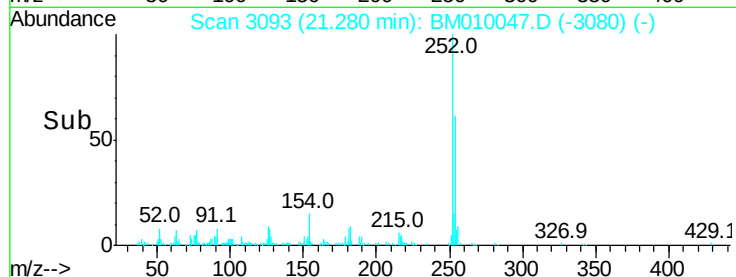
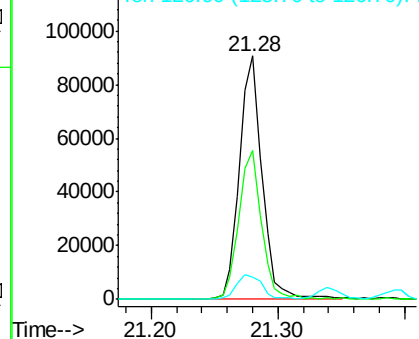


Abundance

Ion 252.00 (251.70 to 252.70): E

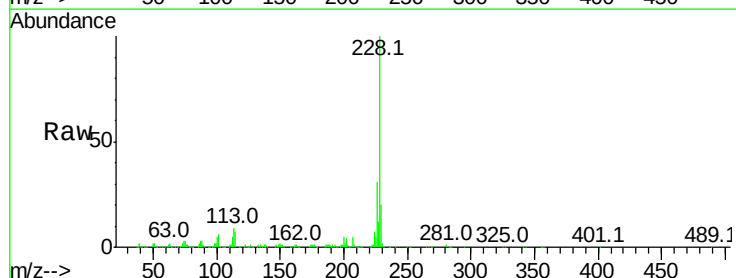
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 44.93 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. -0.03 min
 Lab File: BM010047.D
 Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.6	15.5	23.3

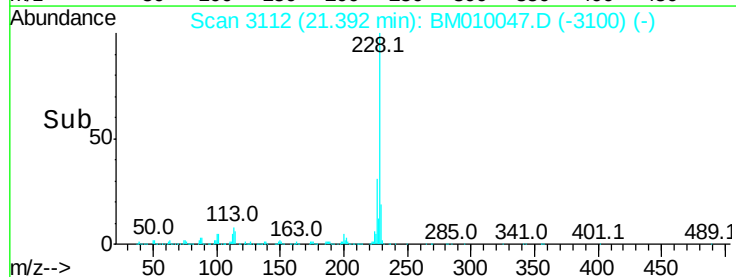
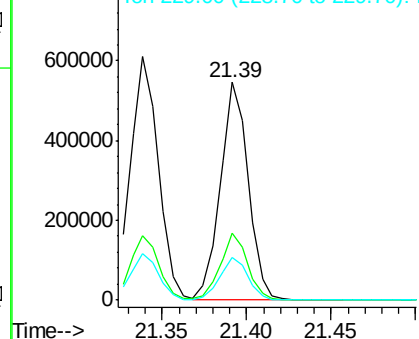


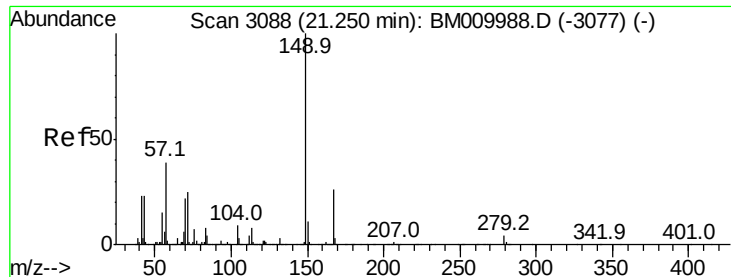
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.84 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

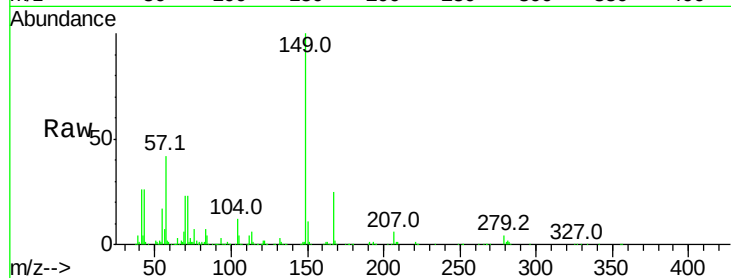
BNA_M

ClientSampleId :

RO-1540-COMPMSD

Tot Ion:149 Resp: 430649

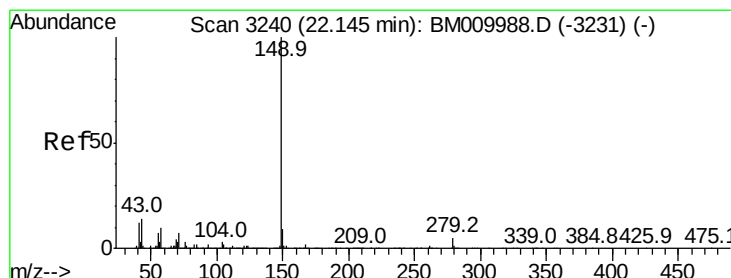
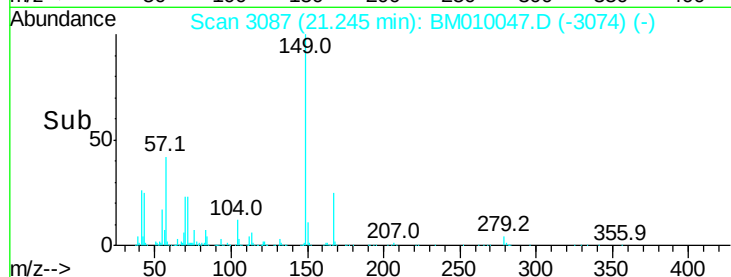
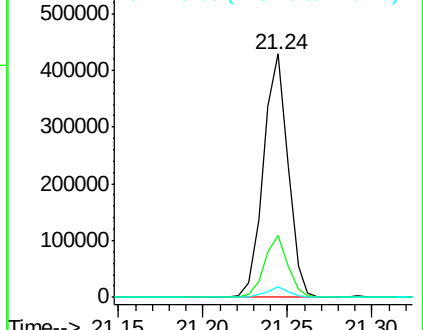
Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.4	33.6
279	4.3	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.16 ng

RT: 22.13 min Scan# 3238

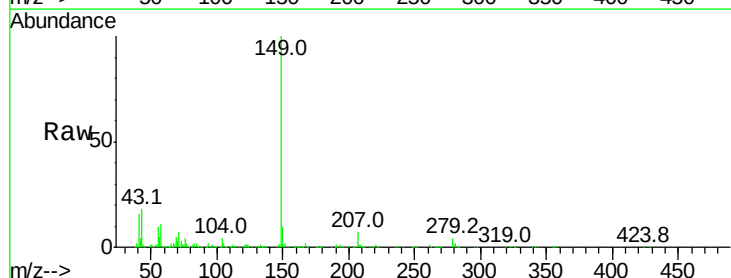
Delta R.T. -0.03 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Tgt Ion:149 Resp: 743857

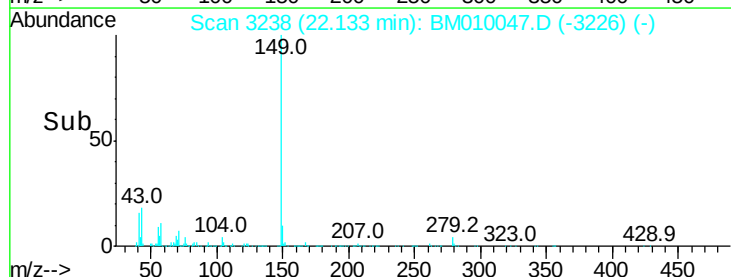
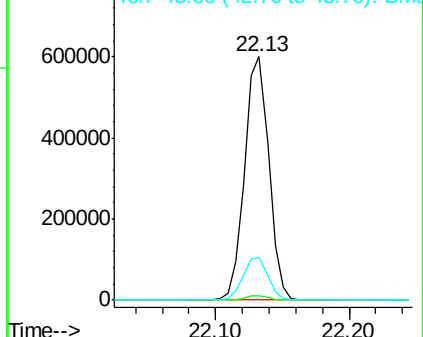
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	18.0	7.3	10.9#

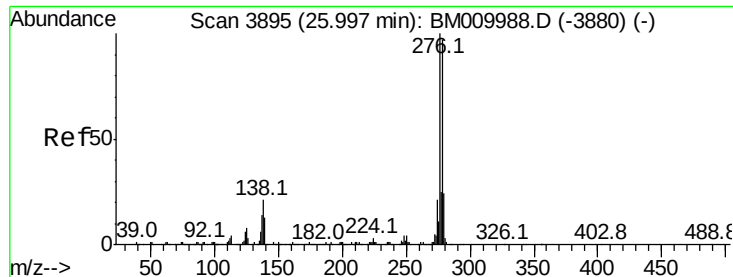


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

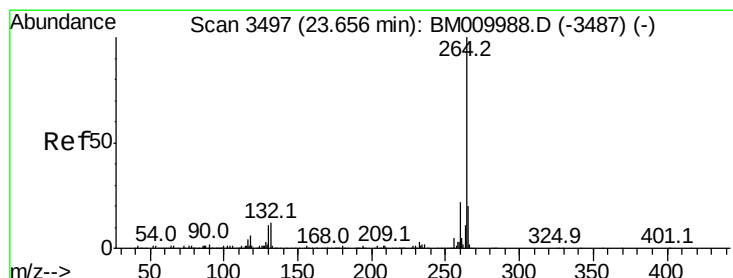
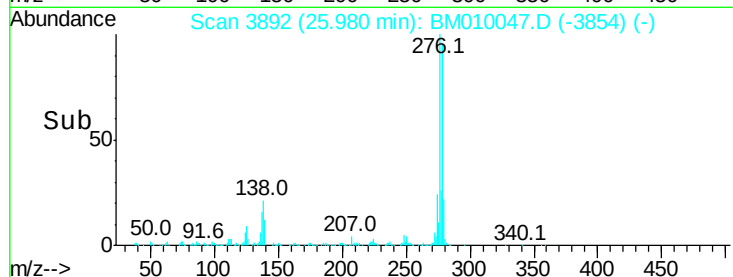
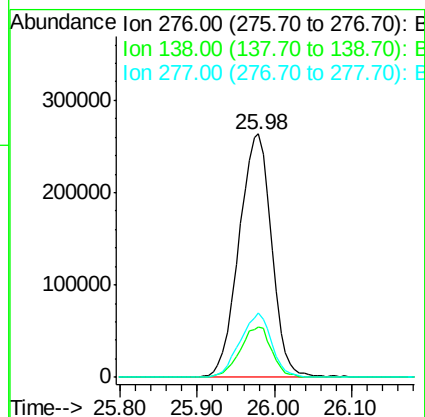
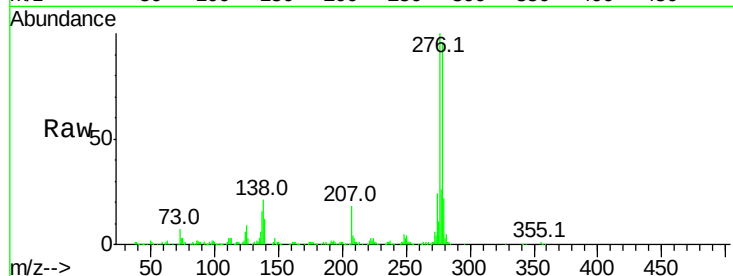




#85
Indeno(1,2,3-cd)pyrene
Concen: 66.46 ng
RT: 25.98 min Scan# 3892
Delta R.T. -0.08 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

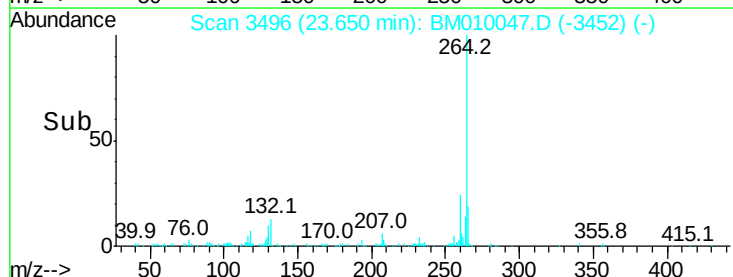
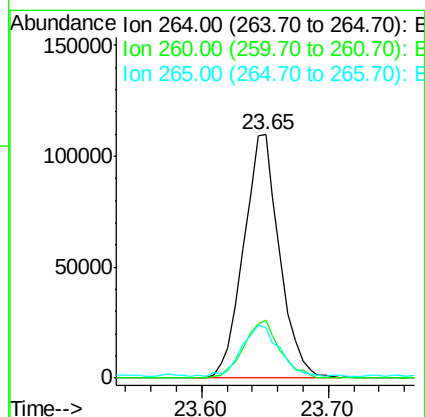
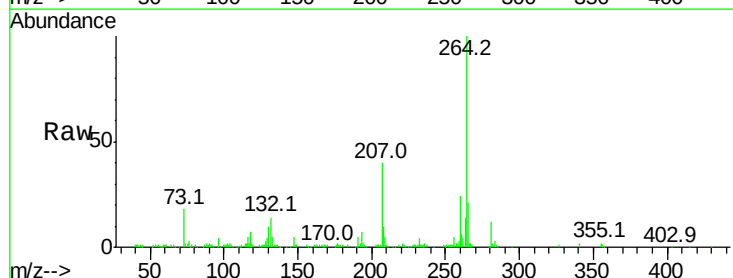
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

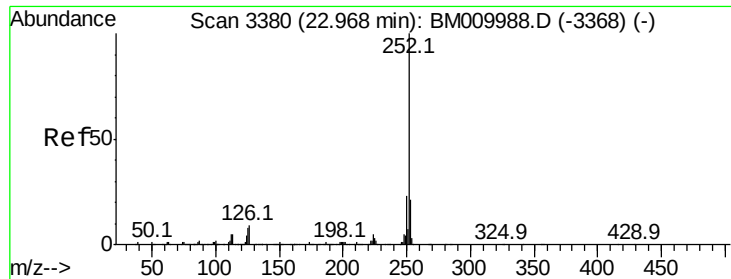
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	0.0	0.0#
277	25.5	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3496
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	20.5	17.3	25.9

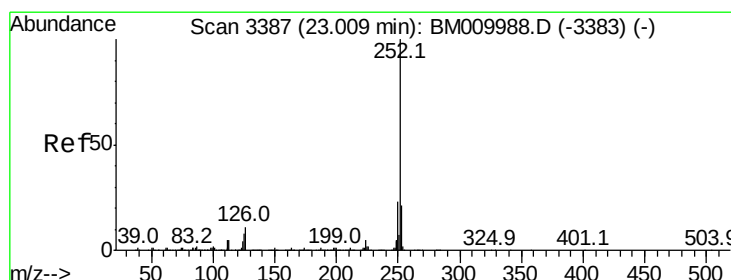
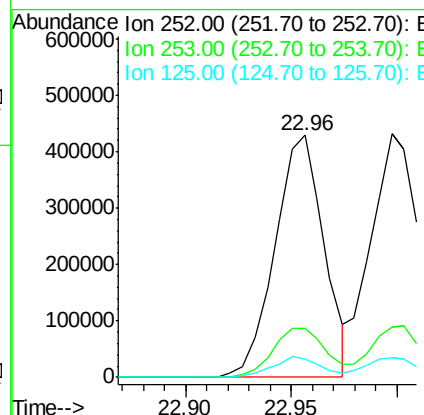
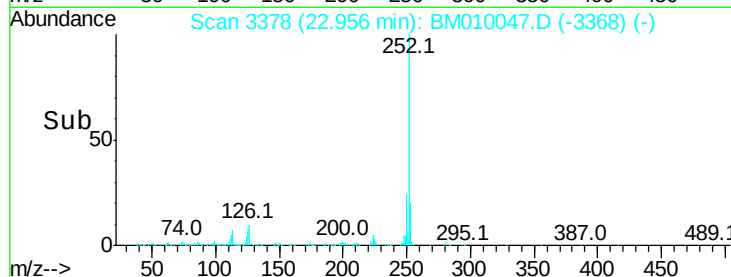
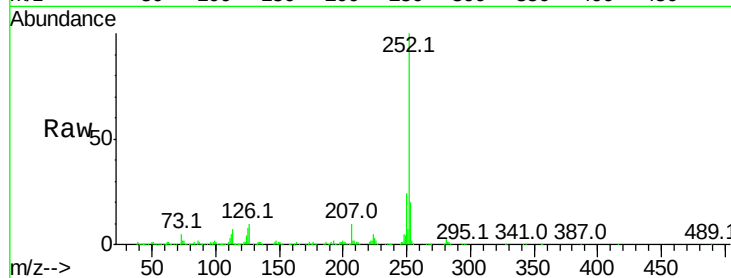




#87
Benzo(b)fluoranthene
Concen: 47.36 ng
RT: 22.96 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

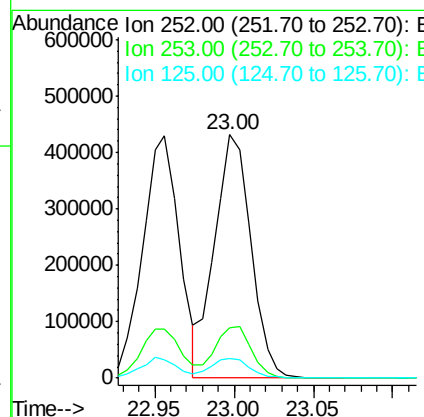
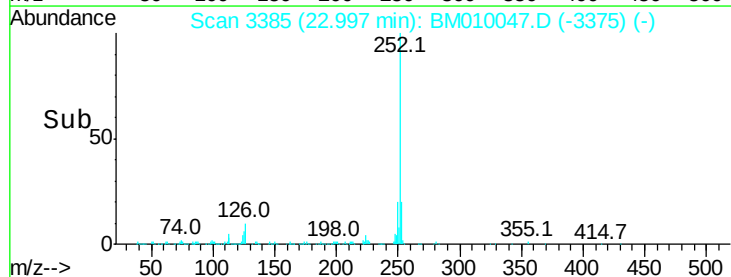
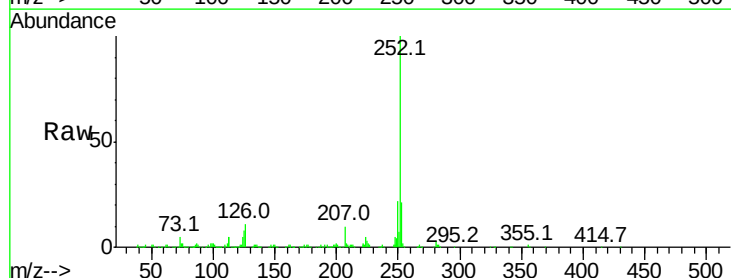
Instrument :
BNA_M
ClientSampleId :
RO-1540-COMPMSD

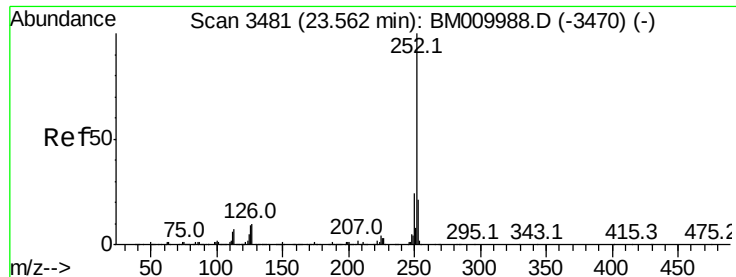
Tot Ion:252 Resp: 692144
Ion Ratio Lower Upper
252 100
253 20.1 18.0 27.0
125 7.6 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 49.55 ng
RT: 23.00 min Scan# 3385
Delta R.T. -0.04 min
Lab File: BM010047.D
Acq: 15 May 2017 19:31

Tgt Ion:252 Resp: 688128
Ion Ratio Lower Upper
252 100
253 20.9 17.2 25.8
125 7.8 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 51.85 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.04 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

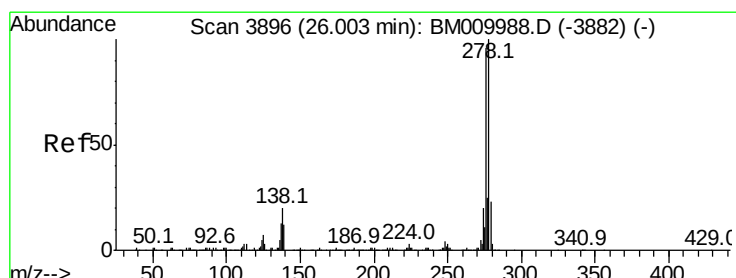
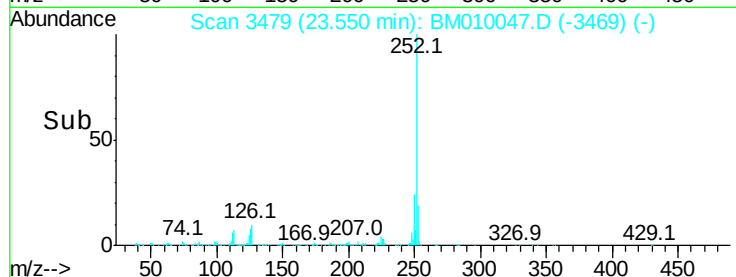
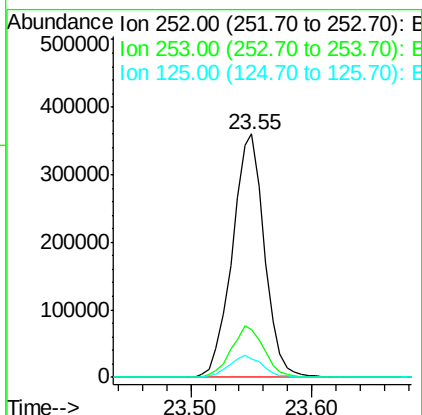
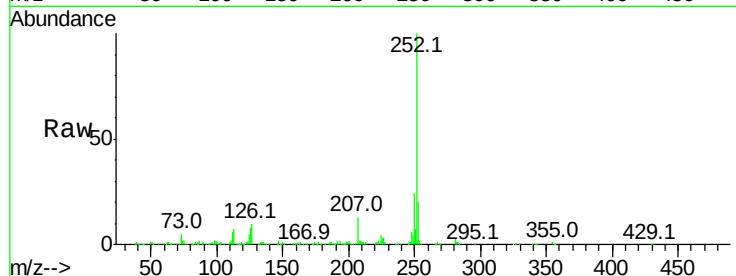
Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSSD

Tot Ion:	252	Resp:	668147
Ion Ratio	Lower	Upper	
252	100		
253	19.7	17.6	26.4
125	7.8	7.4	11.2



#90

Dibenzo(a,h)anthracene

Concen: 58.63 ng

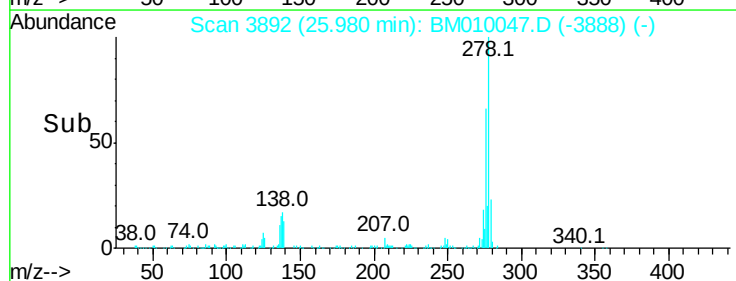
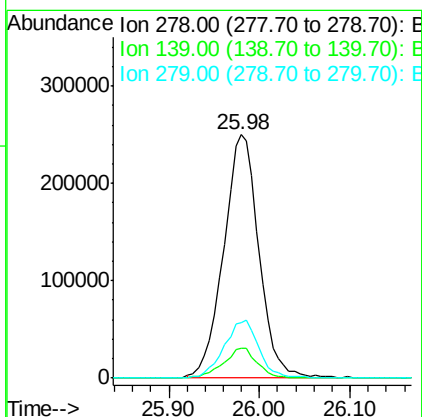
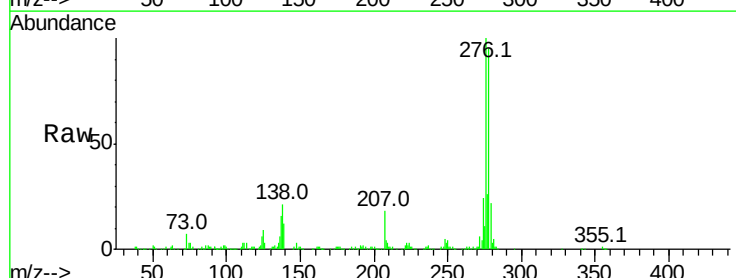
RT: 25.98 min Scan# 3892

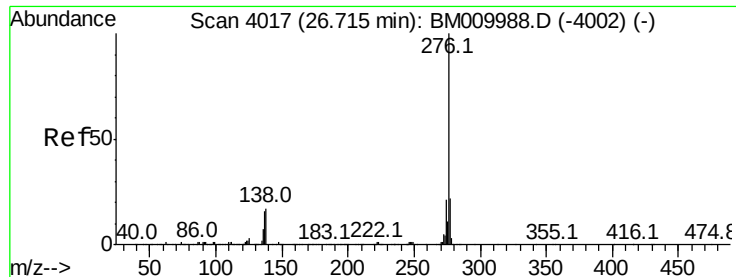
Delta R.T. -0.08 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Tgt Ion:	278	Resp:	666742
Ion Ratio	Lower	Upper	
278	100		
139	12.5	13.4	20.0#
279	22.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 56.55 ng

RT: 26.69 min Scan# 4013

Delta R.T. -0.09 min

Lab File: BM010047.D

Acq: 15 May 2017 19:31

Instrument :

BNA_M

ClientSampleId :

RO-1540-COMPMSD

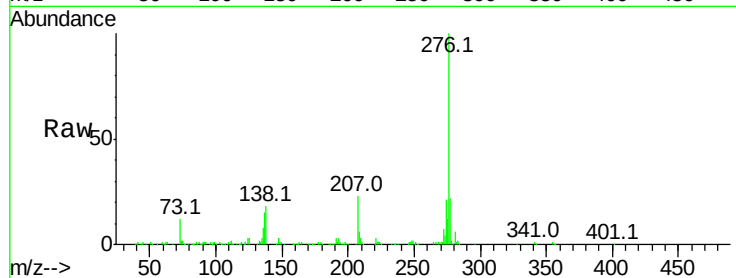
Tot Ion:276 Resp: 592624

Ion Ratio Lower Upper

276 100

277 22.1 18.5 27.7

138 18.1 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

